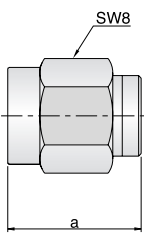


Coaxial Terminators

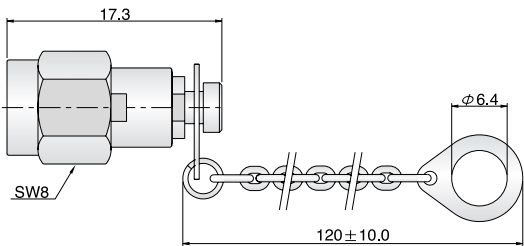


SMA Plug



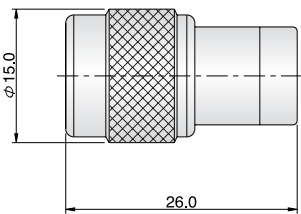
Part Number	Impedance	Frequency Range	VSWR (Max)	Power	Finish Coupling Nut Housing	Remarks
KTMOK27400010	50 Ω	DC~18GHz	1.20	0.35Watt	Gold Gold	a=10.6
KTMOR00400000	50 Ω	DC~3GHz	1.10	1 Watt	Passivity Gold	a=12.55

SMA Plug



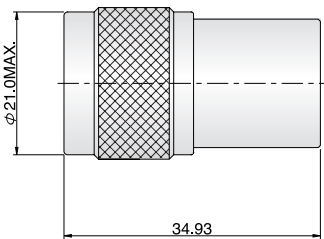
Part Number	Impedance	Frequency Range	VSWR (Max)	Power	Finish	Remarks
KTMO400400010	50 Ω	DC~3GHz	1.10	1 Watt	Passivity	Chain type

TNC Plug



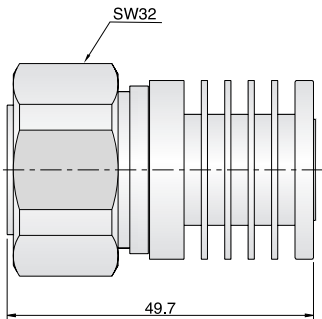
Part Number	Impedance	Frequency Range	VSWR (Max)	Power	Finish	Remarks
KTMO400710000	50 Ω	DC~3GHz	1.10	2 Watt	Ni	

N Plug



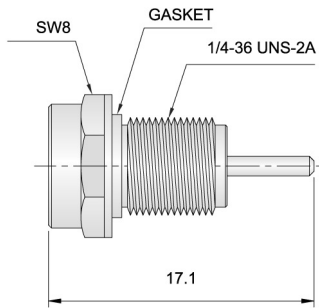
Part Number	Impedance	Frequency Range	VSWR (Max)	Power	Finish	Remarks
KTMOR30800000	50 Ω	DC~3GHz	1.10	2 Watt	Ni	

7/16 Plug



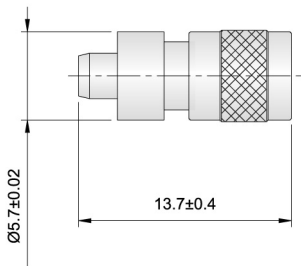
Part Number	Impedance	Frequency Range	VSWR (Max)	Power	Remarks
KTMO430820000	50 Ω	DC~3GHz	1.20	5 Watt	

Mount Type



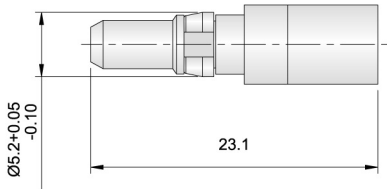
Part Number	Impedance	Frequency Range(㎐)	VSWR (Max)	Power	Remarks
KTMO400400090	50 Ω	DC~3.0	1.05	1W	

TCL PLUG



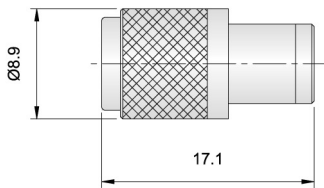
Part Number	Impedance	Frequency Range(㎐)	VSWR (Max)	Power	Remarks
KTMO500250000	50 Ω	DC~3.0	1.10	1 W	

PkZ 26 PLUG



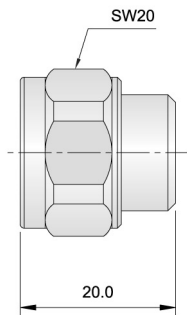
Part Number	Impedance	Frequency Range(㎐)	VSWR (Max)	Power	Remarks
KTMO400550000	50 Ω	DC~2.0	1.12	1W	

POB Plug



Part Number	Impedance	Frequency Range(㎐)	VSWR (Max)	Power	Finish
KTMR30460000	50 Ω	DC~2.0	1.10	1W	

N Plug

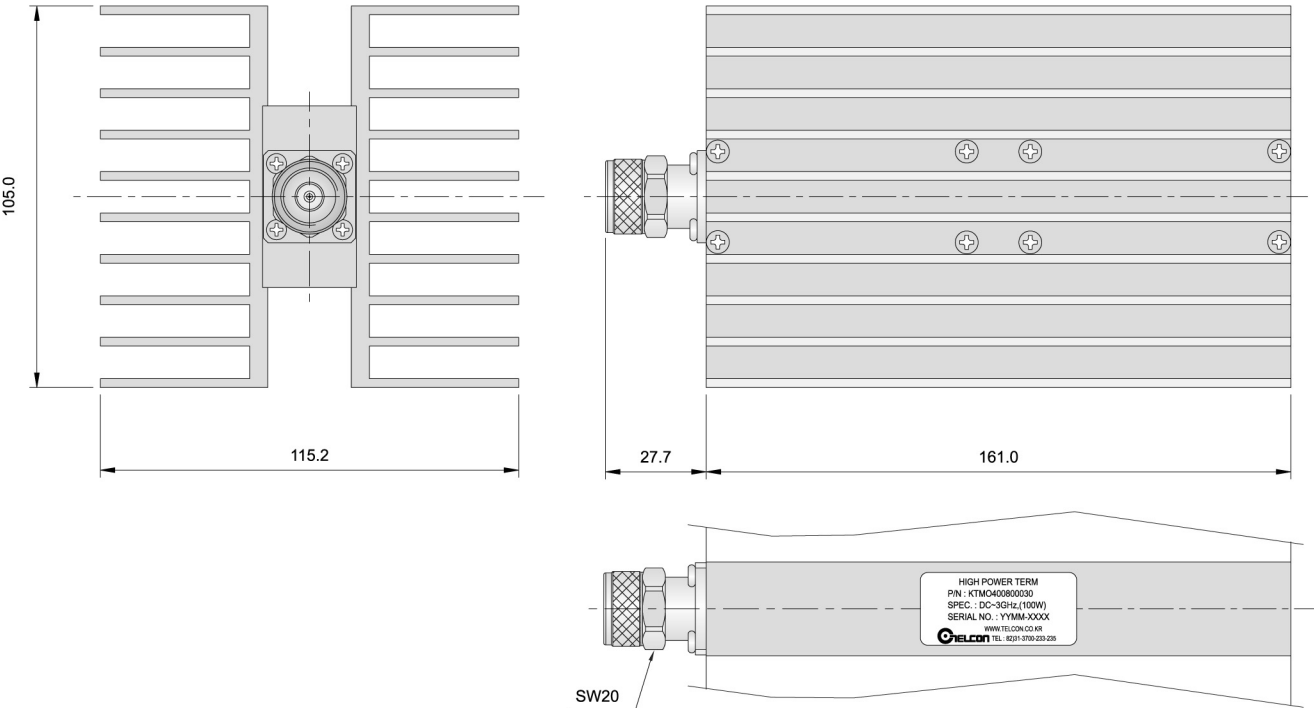


Part Number	Impedance	Frequency Range(㎐)	VSWR (Max)	Power	Remarks
KTMO400800020	50 Ω	DC~3.0	1.06	5W	

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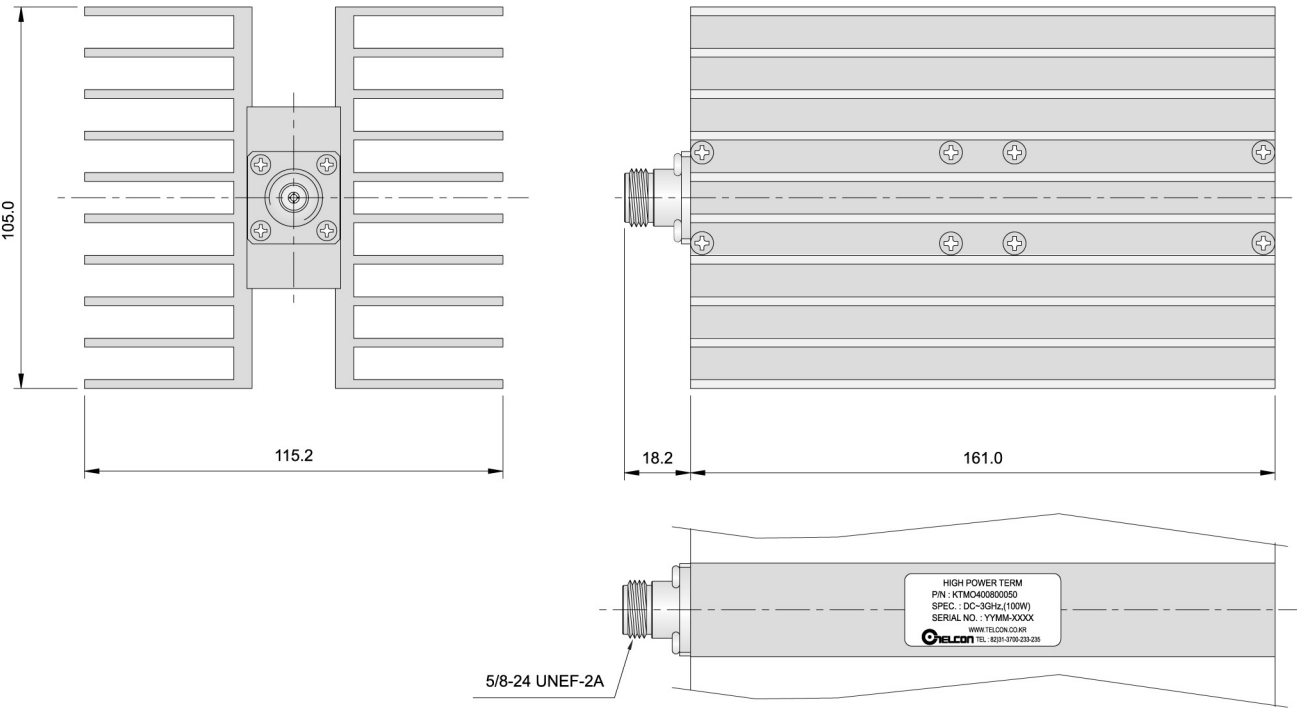
N Plug

Part Number	Impedance	Frequency Range(㎐)	V.SWR (Max)	Power	Remarks
KTMO400800030	50 Ω	DC~3.0	1.20	100Watt	



N Jack

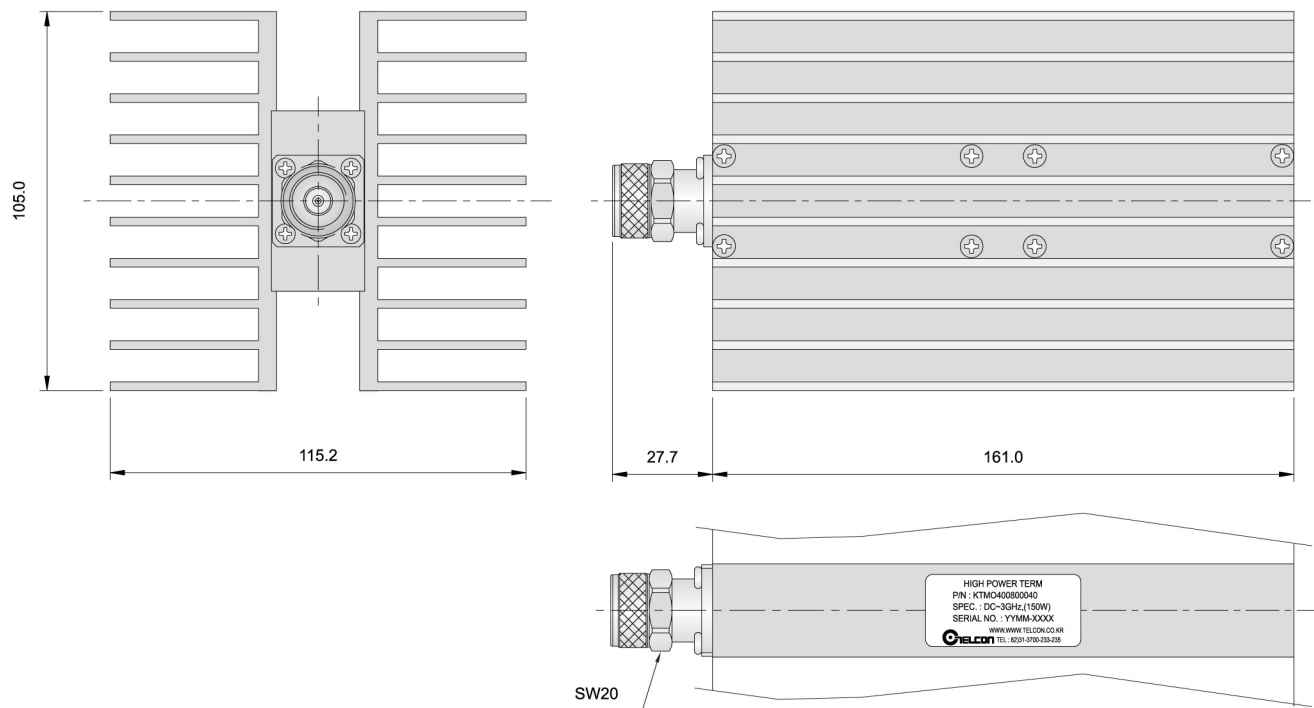
Part Number	Impedance	Frequency Range(㎐)	V.SWR (Max)	Power	Remarks
KTMO400800050	50 Ω	DC~3.0	1.20	100Watt	



Term&Att

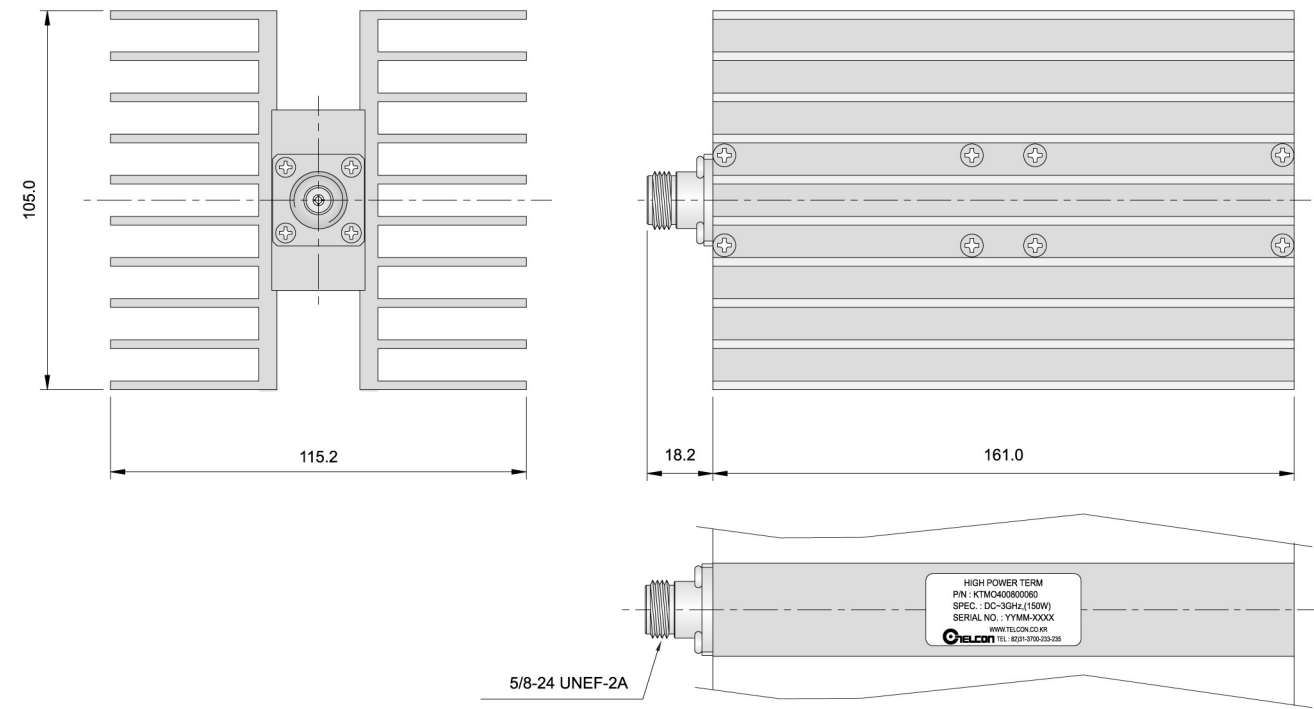
N Plug

Part Number	Impedance	Frequency Range(GHz)	V.S.WR (Max)	Power	Remarks
KTMO400800040	50 Ω	DC~3.0	1.20	150Watt	



N Jack

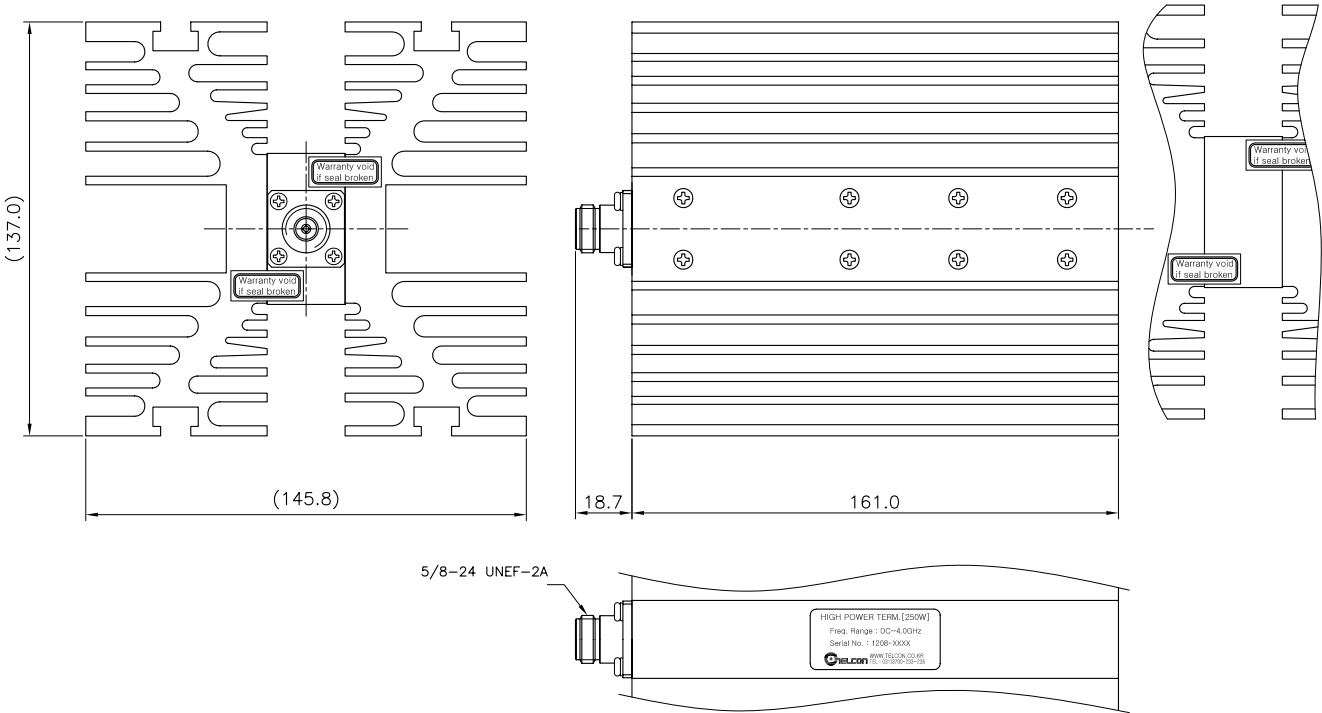
Part Number	Impedance	Frequency Range(GHz)	V.S.WR (Max)	Power	Remarks
KTMO400800060	50 Ω	DC~3.0	1.20	150Watt	



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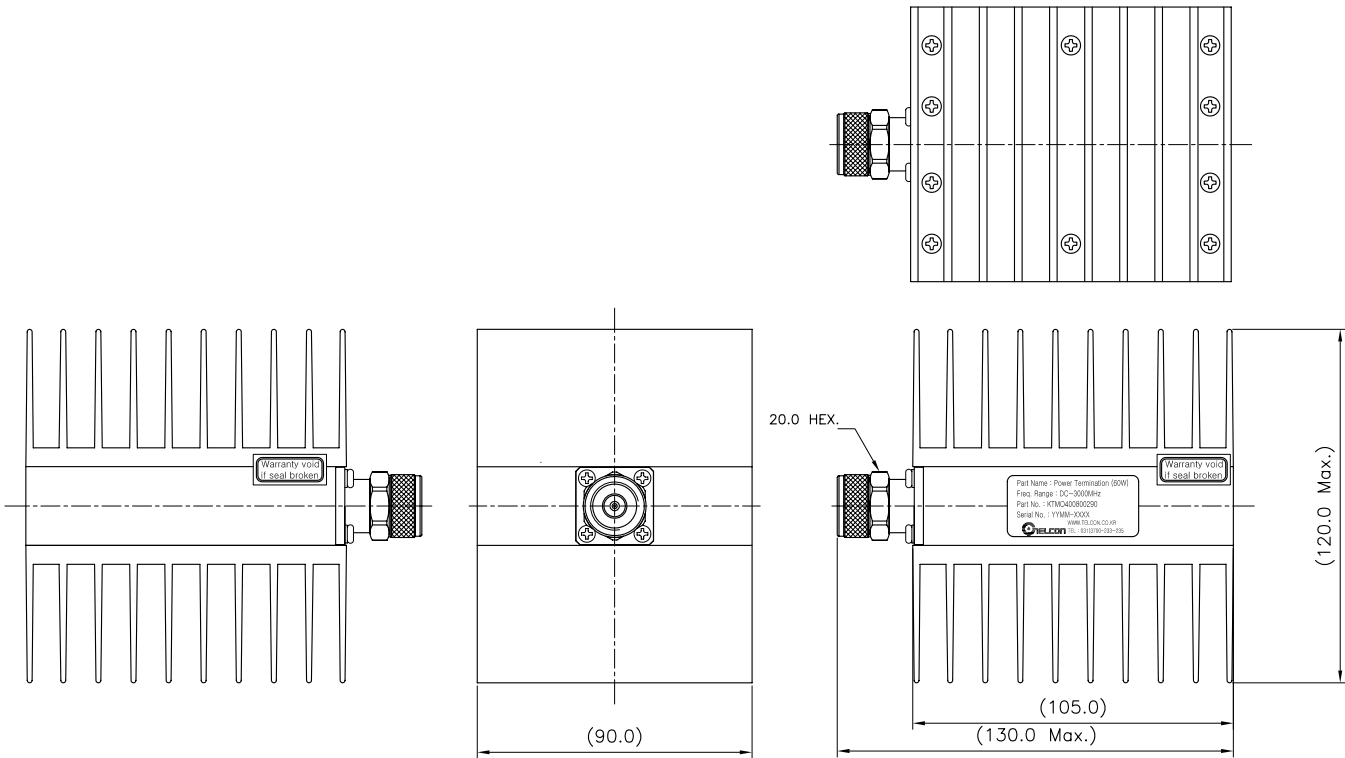
N TYPE JACK[250W]

Part Number	Frequency Range(㎐)	VSWR (Max)	Power	Operating Temp.	Remarks
KTMO5B5800010	DC~4.0	1.25	250W	-40℃~+70℃	



N TYPE PLUG[60W]

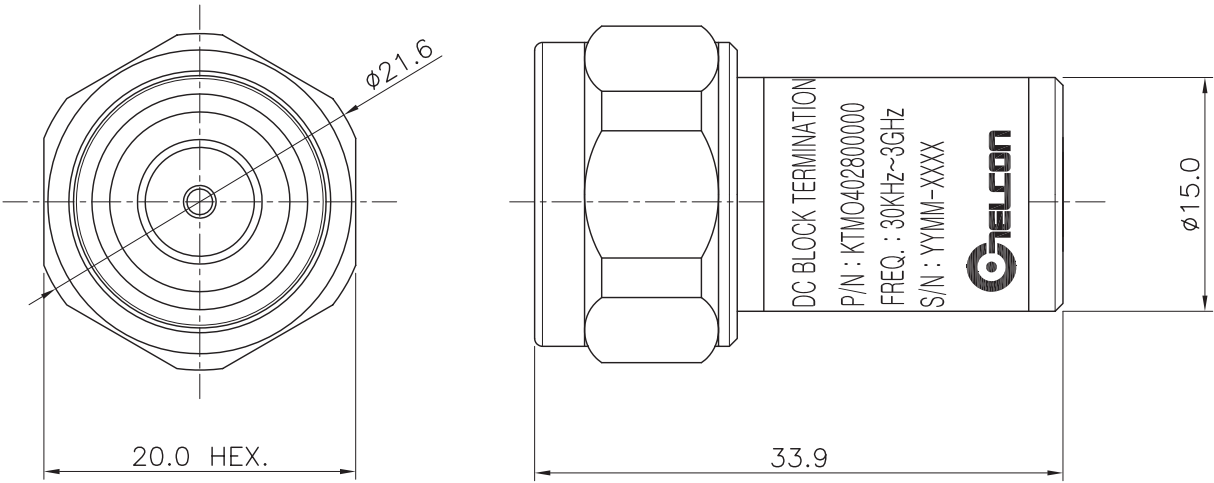
Part Number	Frequency Range(㎐)	VSWR (Max)	Power	Operating Temp.	Remarks
KTMO400800290	DC~3.0	1.25	250W	-40℃~+70℃	



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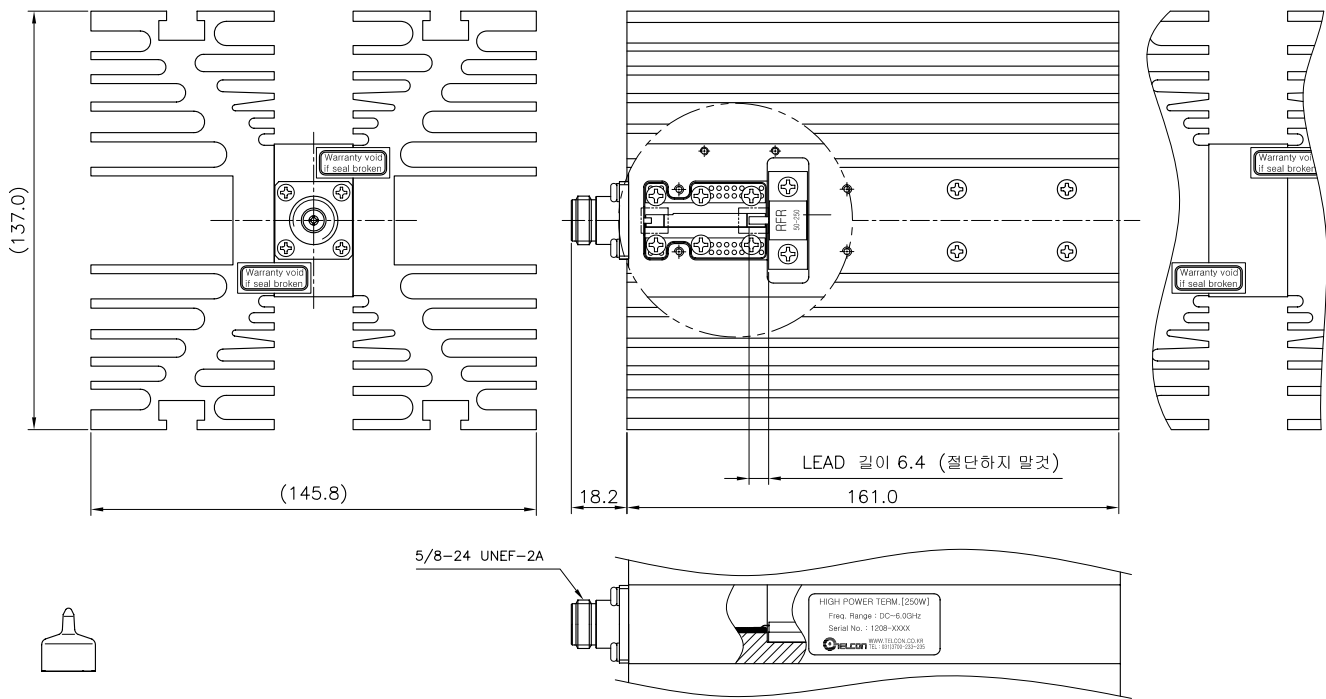
N TYPE PLUG

Part Number	Frequency Range	VSWR (Max)	Impedance	Input Power (Max)	DC Voltage (Max)	Operating Temp	Environmental Class	Remarks
KTMO402800000	30KHz~3.0GHz	1.2	50Ω	2W	50V	-40℃~+70℃	IP67	



N TYPE PLUG[60W]

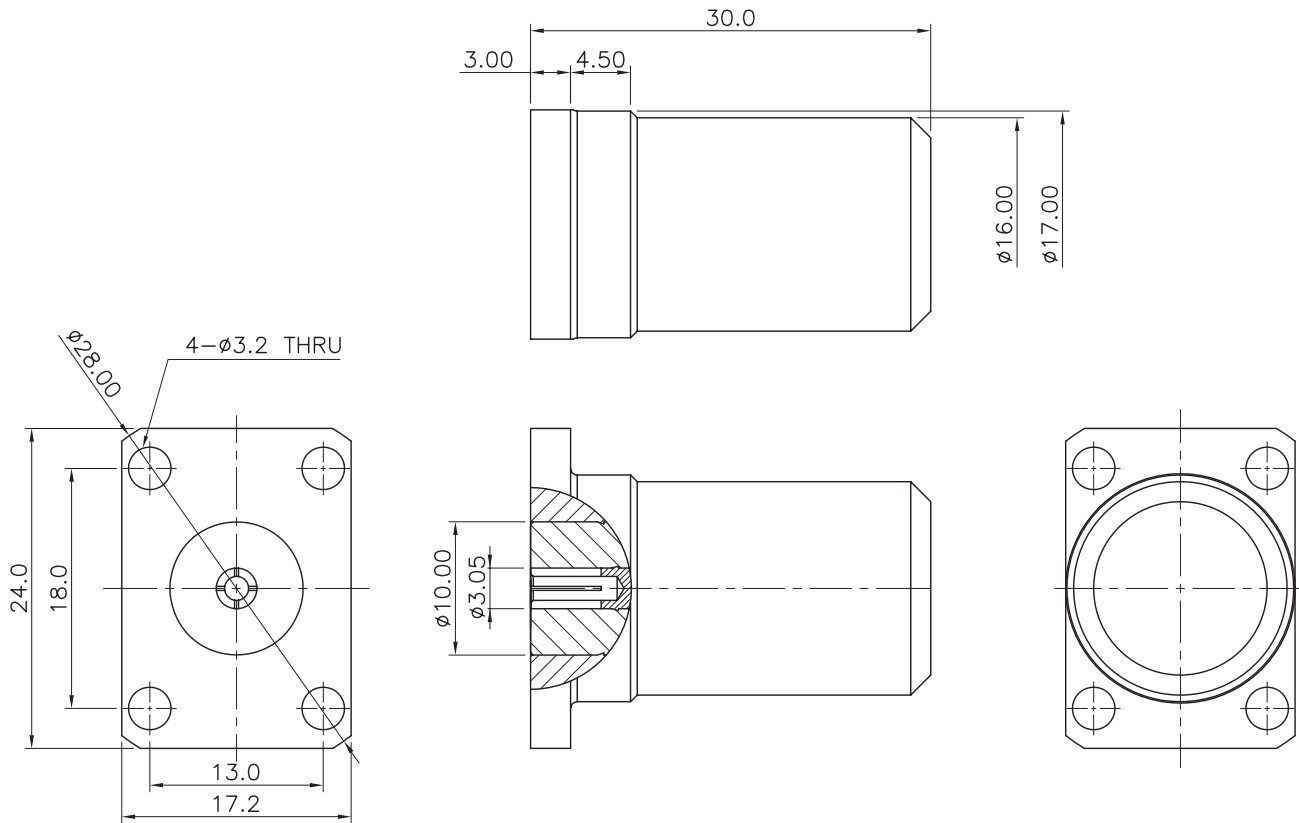
Part Number	Frequency Range(GHz)	VSWR (Max)	Power	Operating Temp.	Remarks
KTMO7B5800000	DC~6.0	1.30 / 1.25	250W	-40℃~+70℃	



Term&Att

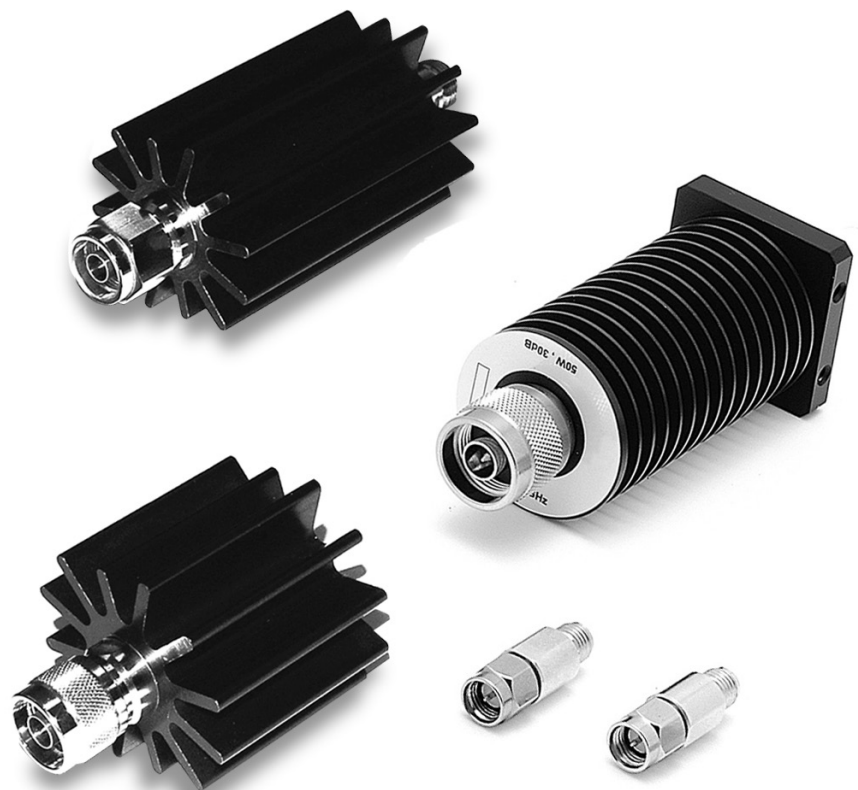
N TYPE 4HOLE FLANGE MOUNT JACK

Part Number	Frequency Range	Impedance	VSWR	Power	Remarks
KTMO400800320	DC~3.0GHz	50Ω	< 1.2	20WATT(Avg.)	

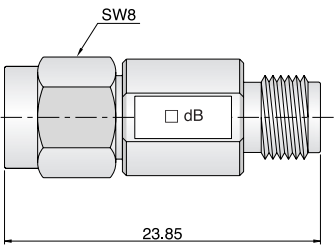


Term&Att

Coaxial Attenuators

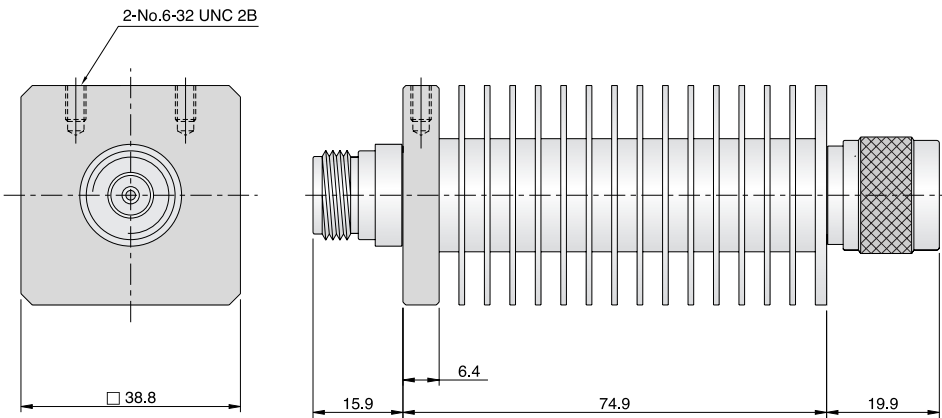


SMA Plug to Jack



Part Number	Impedance	Frequency Range(㎐)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT01O4FA0000	50 Ω	DC~3㎐	1 ± 0.3	1.15	1 Watt	
KAT02O4FA0000	50 Ω	DC~3㎐	2 ± 0.3	1.15	1 Watt	
KAT03O4FA0000	50 Ω	DC~3㎐	3 ± 0.3	1.15	1 Watt	
KAT04O4FA0000	50 Ω	DC~3㎐	4 ± 0.3	1.15	1 Watt	
KAT05O4FA0000	50 Ω	DC~3㎐	5 ± 0.4	1.15	1 Watt	
KAT06O4FA0000	50 Ω	DC~3㎐	6 ± 0.5	1.15	1 Watt	
KAT07O4FA0000	50 Ω	DC~3㎐	7 ± 0.4	1.15	1 Watt	
KAT08O4FA0000	50 Ω	DC~3㎐	8 ± 0.5	1.15	1 Watt	
KAT09O4FA0000	50 Ω	DC~3㎐	9 ± 0.5	1.15	1 Watt	
KAT10O4FA0000	50 Ω	DC~3㎐	10 ± 0.5	1.15	1 Watt	
KAT12O4FA0000	50 Ω	DC~3㎐	12 ± 0.5	1.15	1 Watt	
KAT15O4FA0000	50 Ω	DC~3㎐	15 ± 0.7	1.15	1 Watt	
KAT20O4FA0000	50 Ω	DC~3㎐	20 ± 1.0	1.15	1 Watt	
KAT30O4FA0000	50 Ω	DC~3㎐	30 ± 5.0	1.15	1 Watt	

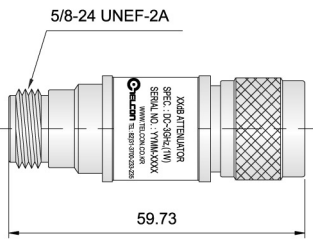
N Plug to Jack



Part Number	Impedance	Frequency Range(㎐)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT30OAF0010	50 Ω	DC~2.3㎐	30 ± 1.0	1.25	50 Watt	

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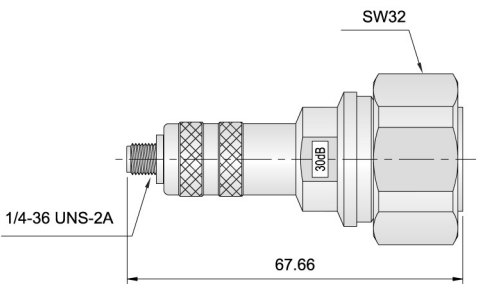
Fixed Type



N Jack to Plug

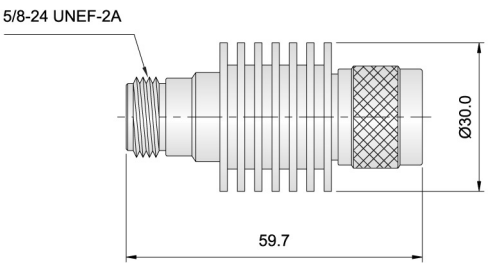
Part Number	Impedance	Frequency Range(㎐)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT07O4000000	50 Ω	DC~3.0	7 ± 0.5	1.10	1Watt	
KAT07O4100000	50 Ω	DC~3.0	10 ± 0.5	1.10	1Watt	

SMA Jack to Plug



Part Number	Impedance	Frequency Range(㎐)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT30O4FA0020	50 Ω	1.9~2.0	30 ± 0.3	1.20	1Watt	

N Jack to Plug

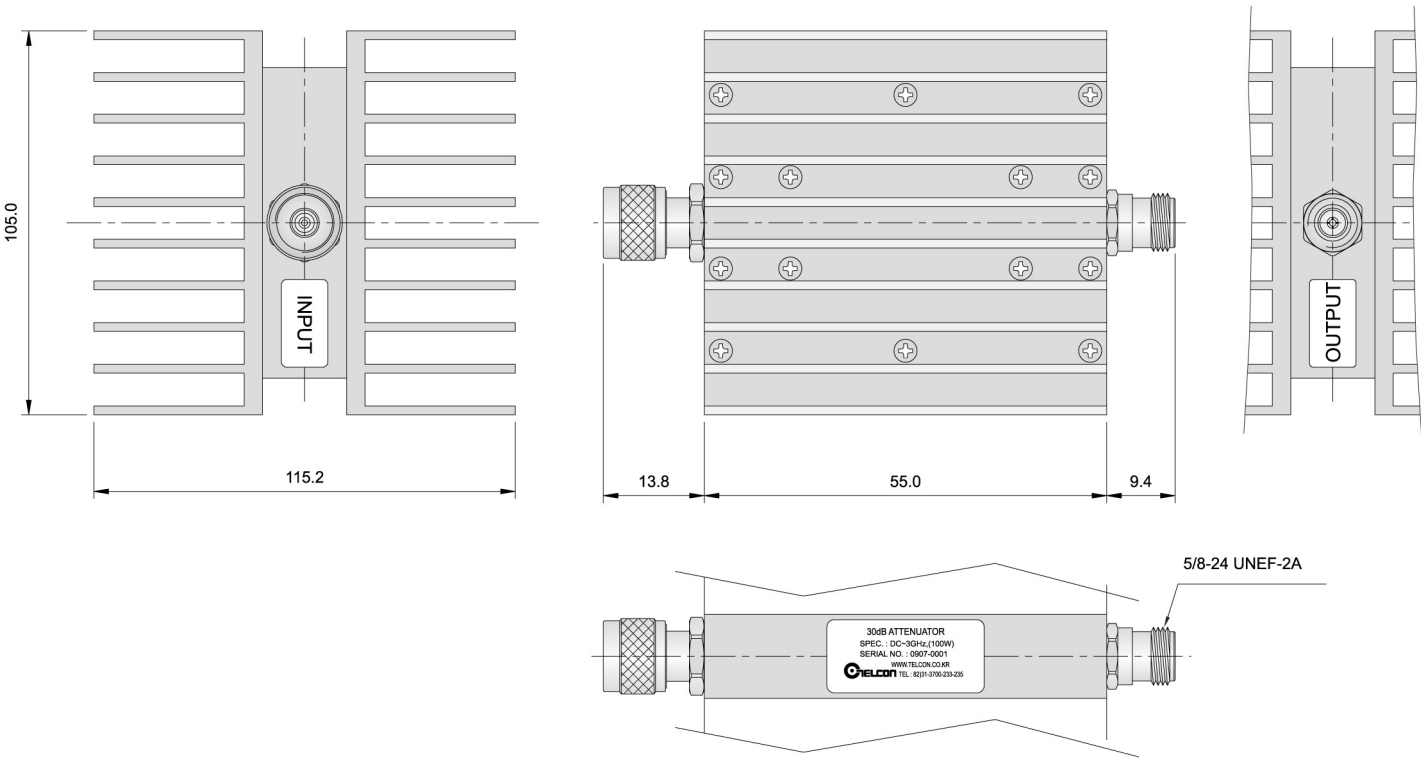


Part Number	Impedance	Frequency Range(㎐)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT03O4000010	50 Ω	DC~3.0	30dB ± 0.5dB	1.20	5Watt	
KAT05O4000000	50 Ω	DC~3.0	5dB ± 0.5dB	1.20	5Watt	
KAT06O4000000	50 Ω	DC~3.0	6dB ± 0.5dB	1.20	5Watt	
KAT10O4000000	50 Ω	DC~3.0	10dB ± 1.0dB	1.20	5Watt	
KAT15O4000000	50 Ω	DC~3.0	15dB ± 1.0dB	1.20	5Watt	
KAT20O4000000	50 Ω	DC~3.0	20dB ± 1.0dB	1.20	5Watt	
KAT30O4000000	50 Ω	DC~3.0	30dB ± 1.0dB	1.20	5Watt	

Term&Att

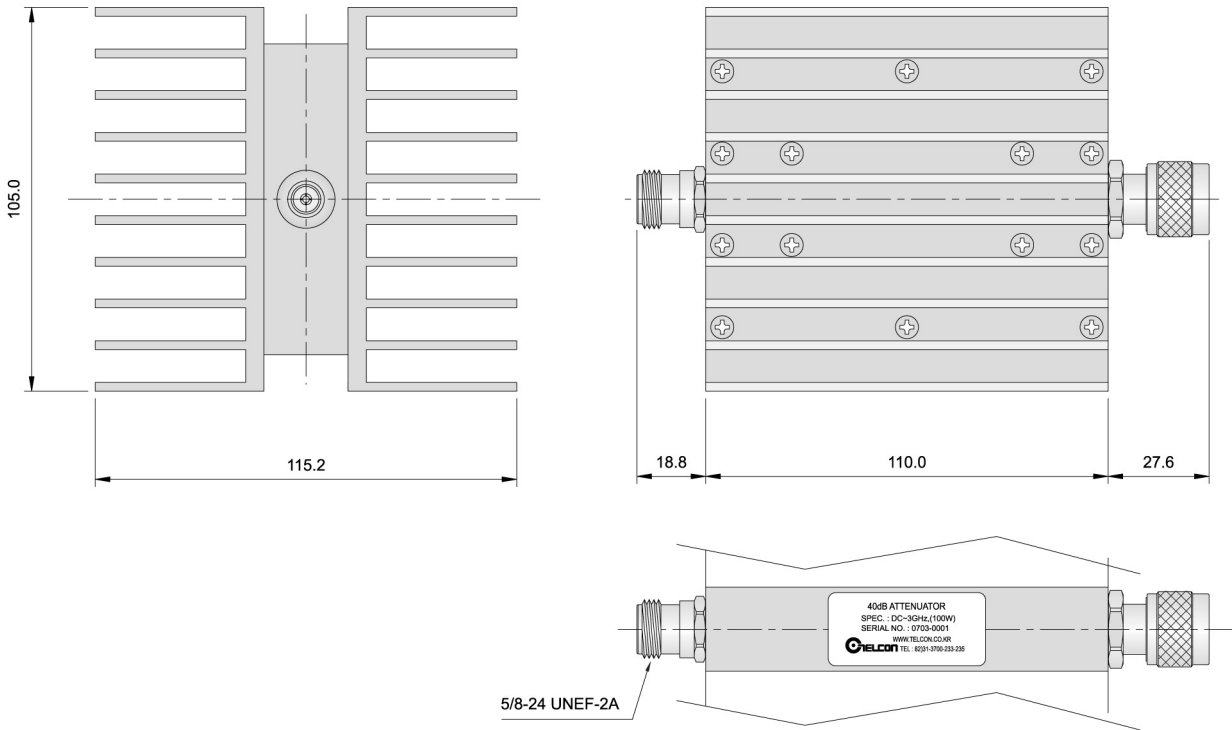
N Jack to Plug

Part Number	Impedance	Frequency Range(GHz)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT30O4FA0030	50 Ω	DC~3.0	3+2.0/-1.0	1.20	100Watt	



N Jack to Plug

Part Number	Impedance	Frequency Range(GHz)	Attenuation (dB)	VSWR (Max)	Power	Remarks
KAT40O4400000	50 Ω	DC~3.0	40 ±1.5	1.30	100Watt	

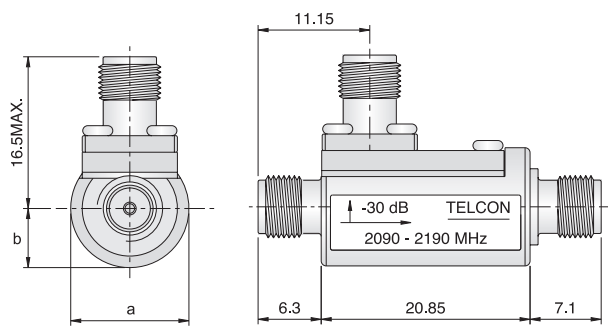


Term&Att

Coaxial Couplers

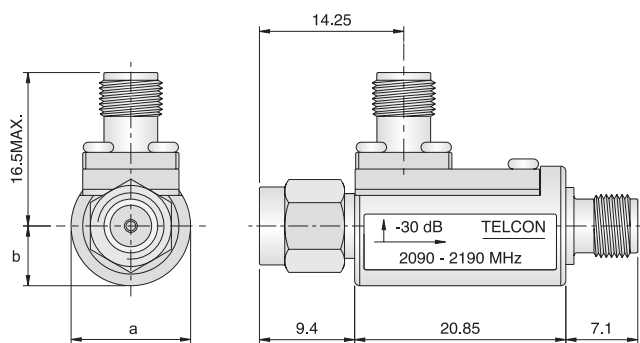


SMA Jack to Jack



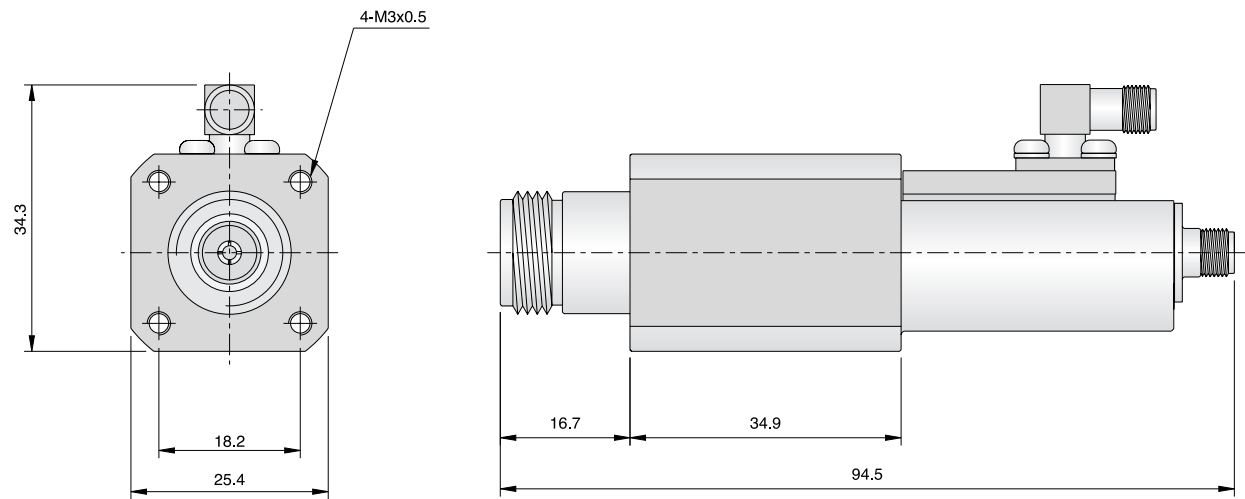
Specification				
Part Number	KCP0130030130	KCP0130030120	KCP0140030080	KCP0140030070
Frequency (MHz)	1900~2000	2090~2190	1900~2000	2090~2190
Impedance (Ω)	50	50	50	50
Coupling Value(dB)	30 ± 0.5	30 ± 0.5	40 ± 0.5	40 ± 0.5
Isolation Min(dB)	60	60	70	70
Input/Output VSWR Max.				
Main Path	1.10	1.10	1.10	1.10
Coupling Port	1.15	1.15	1.15	1.15
Insertion Loss Max.(dB)	0.1	0.1	0.1	0.1
Input Power	125W	125W	200W	200W
	a=11.8	a=11.8	a=12.5	a=12.5
	b=5.9	b=5.9	b=6.25	b=6.25

SMA Plug to Jack



Specification				
Part Number	KCP0130030150	KCP0130040030	KCP0140030100	KCP0140040030
Frequency (MHz)	1900~2000	2090~2190	1900~2000	2090~2190
Impedance (Ω)	50	50	50	50
Coupling Value(dB)	30 ± 0.5	30 ± 0.5	40 ± 0.5	40 ± 0.5
Isolation Min(dB)	60	60	70	70
Input/Output VSWR Max.				
Main Path	1.10	1.10	1.10	1.10
Coupling Port	1.15	1.15	1.15	1.15
Insertion Loss Max.(dB)	0.1	0.1	0.1	0.1
Input Power	125W	125W	200W	200W
	a=11.5	a=11.5	a=12.5	a=12.5
	b=5.9	b=5.9	b=6.25	b=6.25

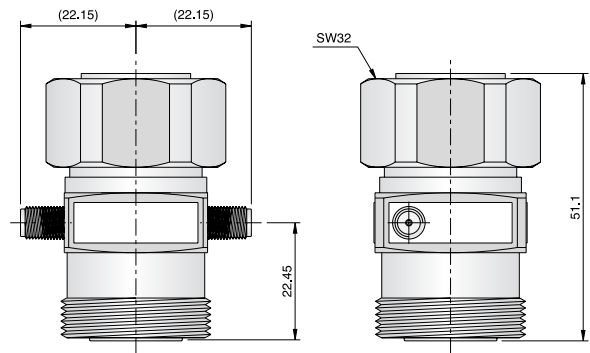
SMA Jack to N Jack



Specification

Part Number	KCP0240030000
Frequency (MHz)	832~870
Impedance (Ω)	50
Coupling Value(dB)	40 ±2.0
Coupling Flatness Max.(dB)	0.5
Directivity Max.(dB)	25
Input/Output VSWR Max.	
Main Path	1.25
Coupling Port	1.25
Insertion Loss Max.(dB)	0.2
Input Power	100W(Avg.)
	3KW(Peak.)

7/16 Jack to Plug



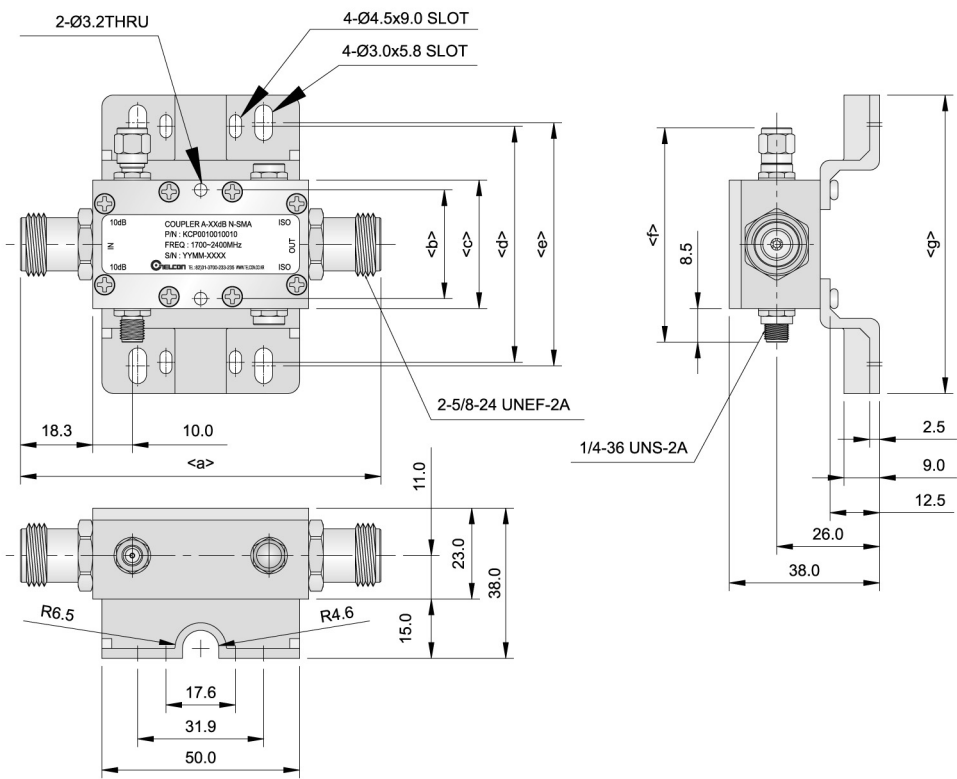
Specification

Part Number	KCP0175010000
Frequency (MHz)	824~1990
Impedance (Ω)	50
Coupling Value(dB)	75 ±10.0
Return Loss(dB)	
- Main Path(Min)	20.0
- Coupling Port(Min)	18.0
Insertion Loss Max.(dB)	
- Main Path(Max)	0.1
- Coupling Port(Max)	0.1
PIMD (43dBm, 2Tone)	-116 dBm Max

Female A TYPE

Specification

Part Number	KCP0010010040	KCP0020010030	KCP0030010080
Impedance (Ω)	50Ω	50Ω	50Ω
Frequency (MHz)	1.7~2.4	1.7~2.4	1.7~2.4
Coupling Value(dB)	10.0dB ±0.4	20.0dB ±0.4	30.0dB ±0.4
Coupling Flatness(dB)	±0.2	±0.2	±0.2
VSWR (Max)	1.20	1.20	1.20
Insertion Loss (Max)	1.2dB	0.2dB	0.2dB
Isolation (Min)	35.4dB	45.4dB	55.4dB
IMD [43dBm, 2Tone] (Max)	-140dBc	-140dBc	-140dBc
Remarks			

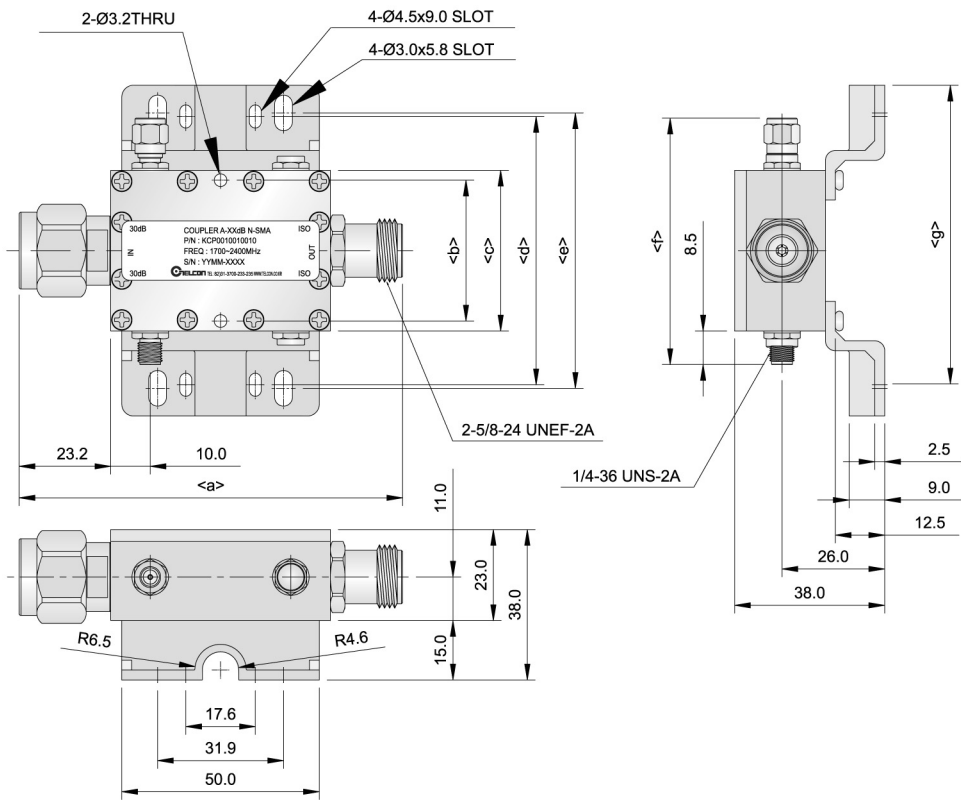


Dimension (mm)			
Part Number	KCP0010010040	KCP0020010030	KCP0030010080
a	91.2	92.2	92.2
b	27.5	29.1	35.6
c	32.5	34.1	40.6
d	59.7	61.3	67.8
e	61.5	63.1	69.6
f	54.2	55.8	62.3
g	75.5	77.1	83.6

Male A TYPE

Specification

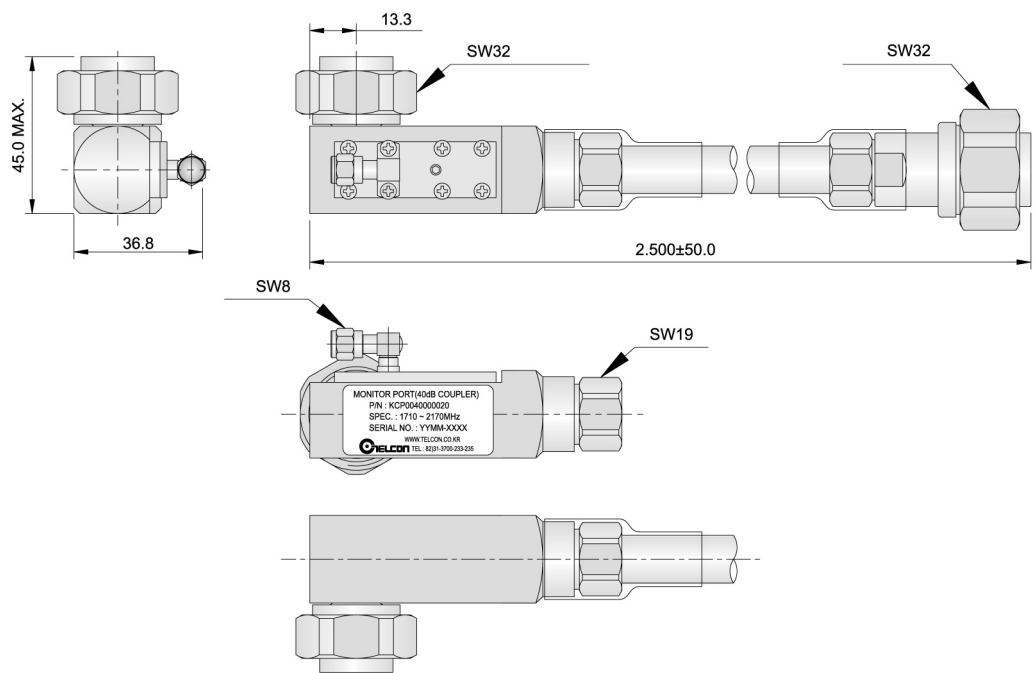
Part Number	KCP0030010100	KCP0050010080
Impedance (Ω)	50Ω	50Ω
Frequency (MHz)	1.7~2.4	1.7~2.4
Coupling Value(dB)	30.0dB ±0.4	50.0dB ±0.4
Coupling Flatness(dB)	±0.2	±0.2
VSWR (Max)	1.20	1.20
Insertion Loss (Max)	0.2dB	0.2dB
Isolation (Min)	55.4dB	75.4dB
IMD [43dBm, 2Tone] (Max)	-140dBc	-140dBc
Remarks		



Dimension (mm)		
Part Number	KCP0030010100	KCP0050010080
a	97.1	98.3
b	35.6	44.0
c	40.6	49.0
d	67.8	70.2
e	69.6	72.0
f	62.3	70.7
g	83.6	86.0

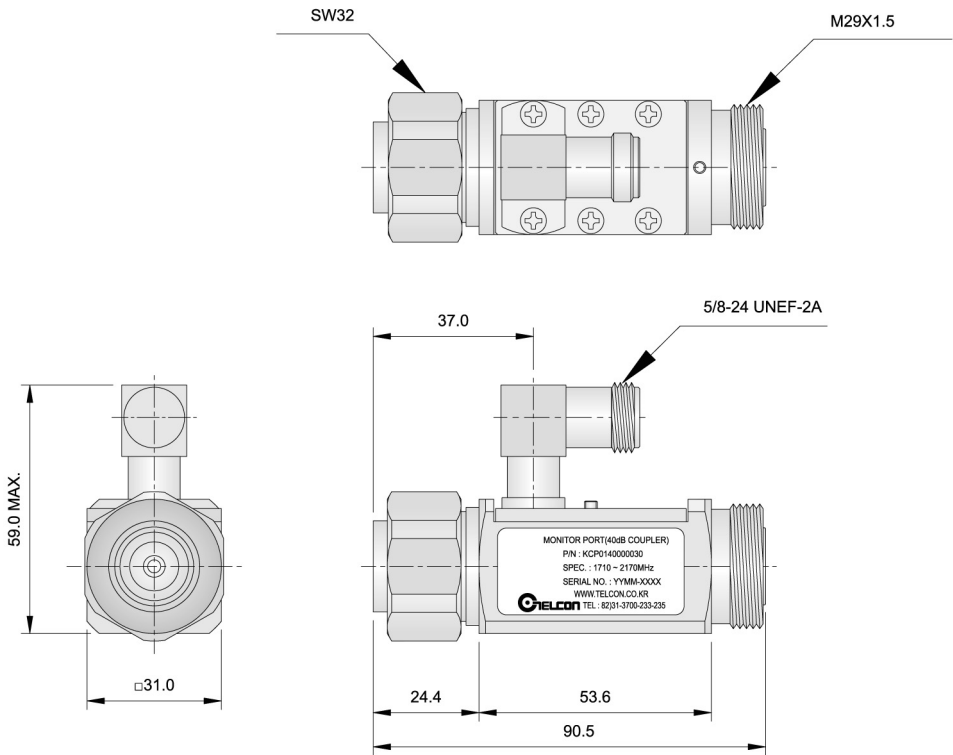
Monitor Port Coupler

Specification	
Part Number	KCP0040000020
Impedance (Ω)	50 Ω
Frequency (MHz)	1710~2170
Coupling Value(dB)	40.0dB ± 0.7
Return Loss (Min) Main	25.0
Return Loss (Min) CPL	20.0
Insertion Loss (Max)	0.55dB
Isolation (Min)	61.0dB
IMD [43dBm, 2Tone] (Max) 3rd	-116dBm
IMD [43dBm, 2Tone] (Max) Higher	-130dBm
Input Power (Max) AVG	50dBm
Input Power (Max) Peak	58dBm
Remarks	Indoor



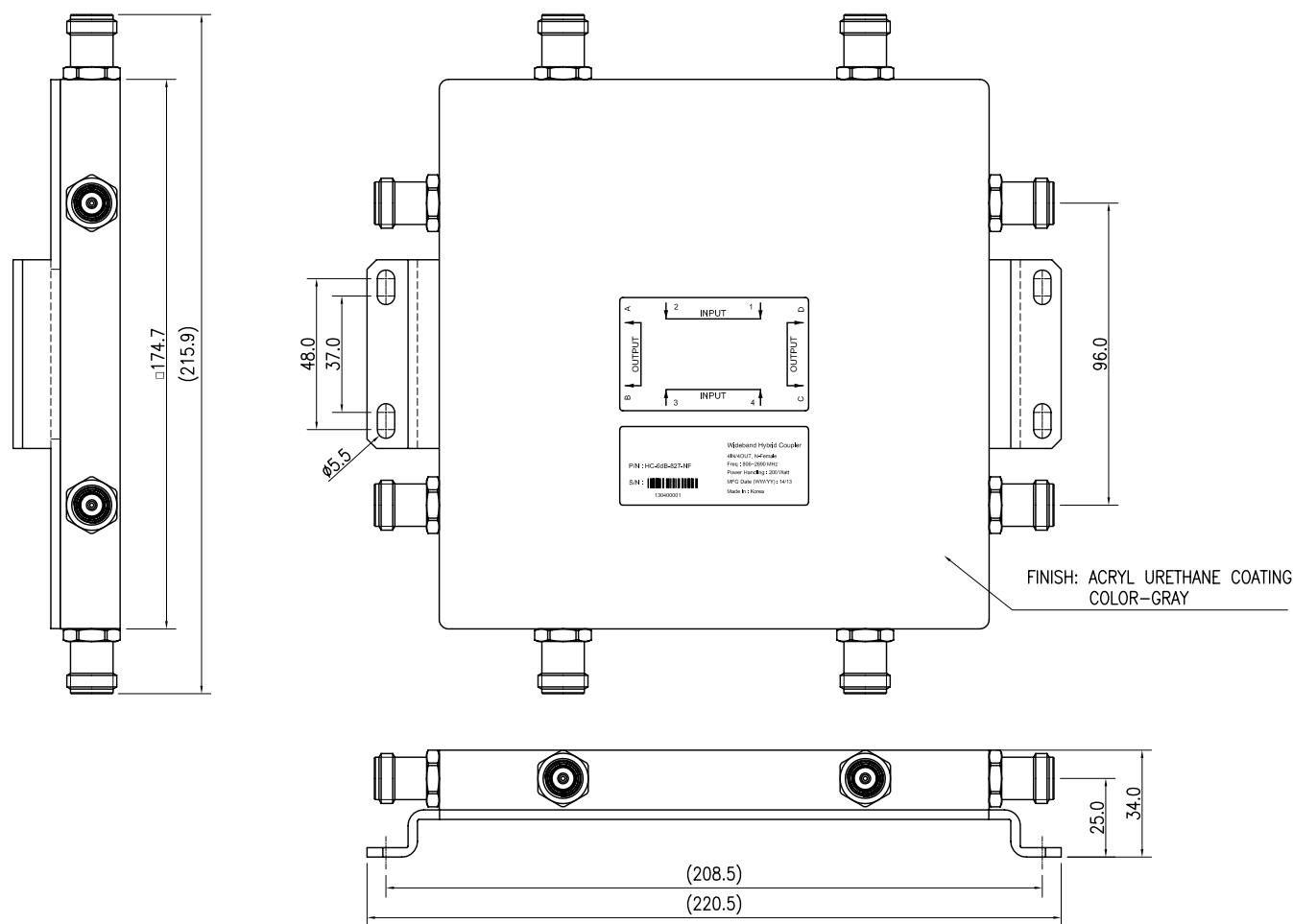
Monitor Port Coupler

Specification	
Part Number	KCP0140000030
Impedance (Ω)	50Ω
Frequency (MHz)	1710~2170
Coupling Value(dB)	40.0dB ±0.7
Return Loss (Min) Main	25.0
Return Loss (Min) CPL	20.0
Insertion Loss (Max)	0.2dB
Isolation (Min)	61.0dB
IMD [43dBm, 2Tone] (Max) 3rd	-116dBm
IMD [43dBm, 2Tone] (Max) Higher	-130dBm
Input Power (Max) AVG	50dBm
Input Power (Max) Peak	58dBm
Remarks	Outdoor



4X4 HYBRID COMBINER (N-F, 800~2700MHz)

Specification		
Code Number	KCPBPC01000000	
Frequency	800~2700MHz	
Impedance	50Ω	
Input VSWR (1 : ?)	<1.3 (Return Loss: >18dB	
Insertion Loss	806~960MHz	<6.7dB
	1710~1880MHz	
	1920~2170MHz	
	800~2700MHz	<6.9dB
In-Band Ripple	<±0.6dB	
Isolation	>20dB	
Pimd	<-150dBC(+43dBm/2tone)	
Operating Temp.	-30~+60℃	
Power	100Watt/Port(Max.)	
Environmental Class	IP67	

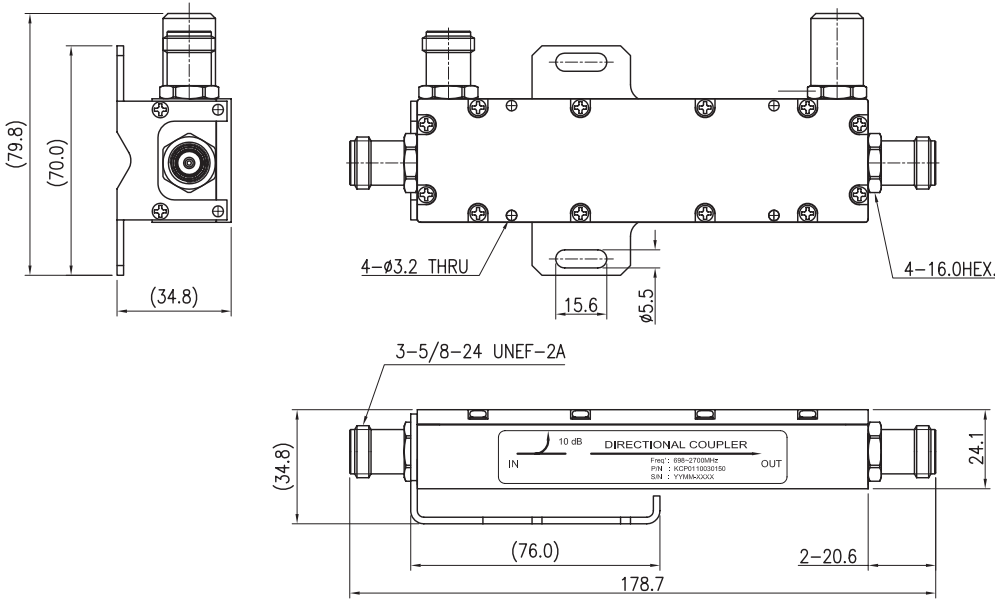


Directional Couper (-10dB, 698~2700MHz)

Specification

Part Number	KCP0110030150
Frequency	698~2700MHz
Impedance (Ω)	50Ω
Input VSWR	1.2 : 1 (Max.)
Coupling Value Tolerance	10.0±1.0dB
Insertion Loss	0.6±0.15dB
Directivity	20dB (Min.)
Input Power	100Watt (Max.)
Reflected Total Power	60Watt (Max.)
PIMD	-155dBc(+43dBm/2Tone)
Operating Temp.	-30℃~+60℃/45%~95%
Environment Class	IP67

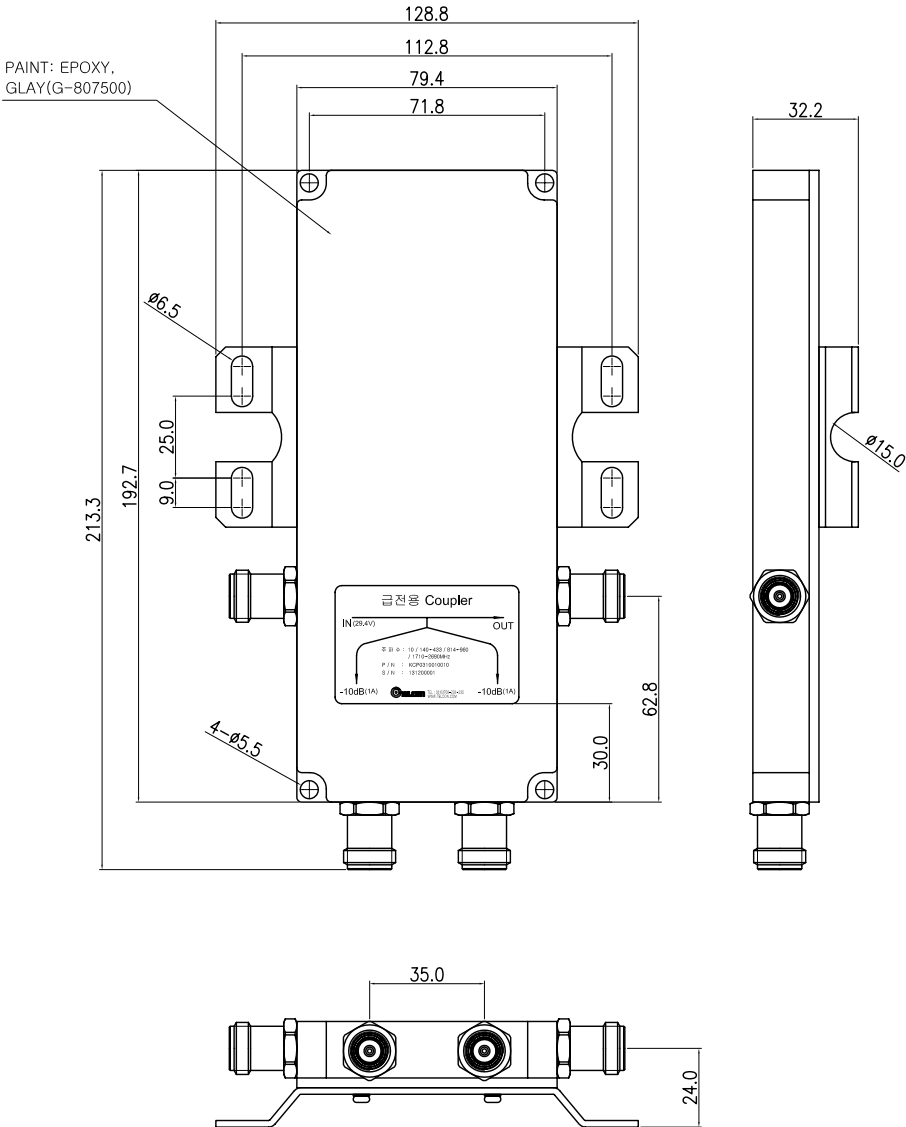
	6dB	10dB	15dB	20dB	25dB	30dB
Insertion Loss	1.4±0.25dB	0.6±0.15dB	0.4dB Max.	0.3dB Max.	0.2dB Max.	0.2 Max.



Couplers

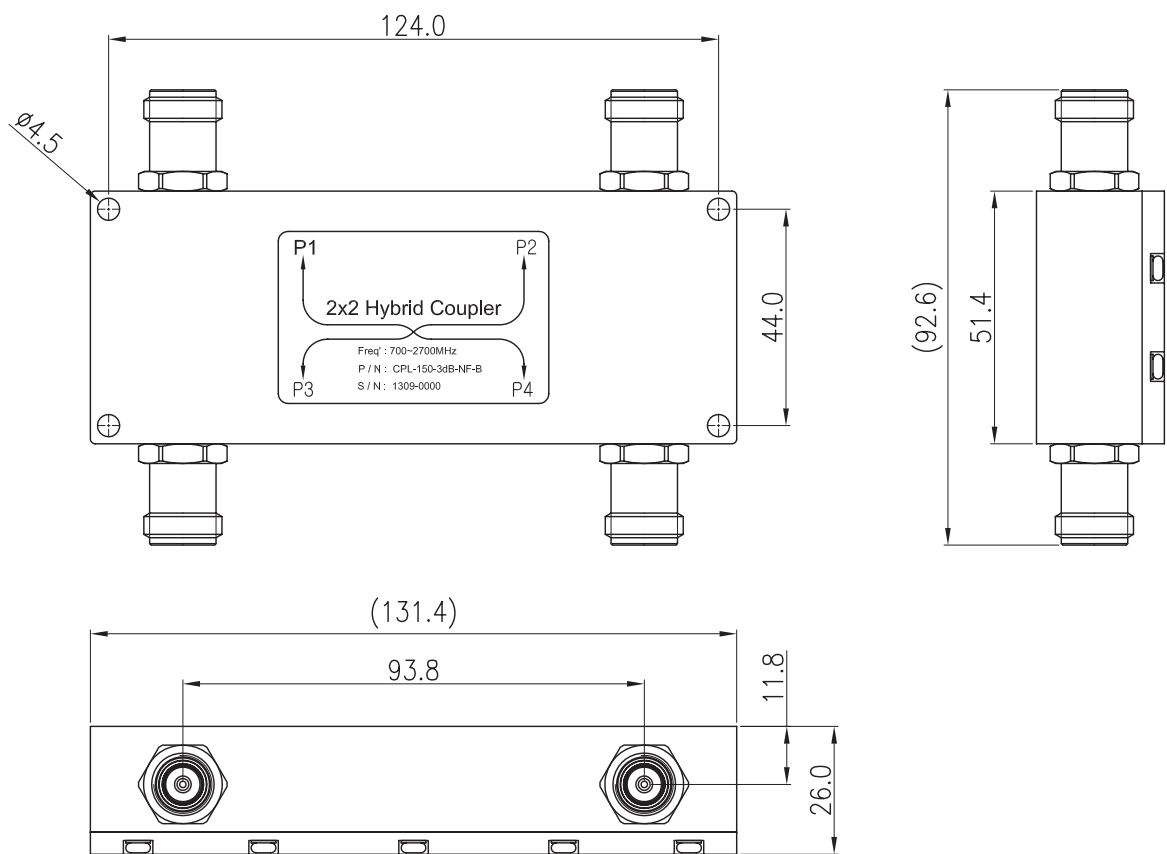
급전용 Coupler (-10dB Dual, 10~2700MHz)

Specification	
Code Number	KCP0310010010
Frequency	10MHz 140~430MHz 814~960MHz 1710~2690MHz
Impedance	50Ω 공칭
Input VSWR (1 : ?)	< 3.0 < 1.5 < 1.4 < 1.3
Insertion Loss	< 3.0dB < 1.8dB
Coupling Value	<15.0dB 10.0±1.0dB
Isolation (Out-CPL)	- > 18dB
Operating Temp.	-30 ~+60
RF Power (Input)	20Watt (Max.)
Voltage	29.4V
Current	1A Max. (Coupling Port)
Environmental Class	IP67
Size	213.3mm x 128.8mm x 32.2mm
Weight	840g



2X2 Hybrid Coupler (-3dB, 700~270MHz)

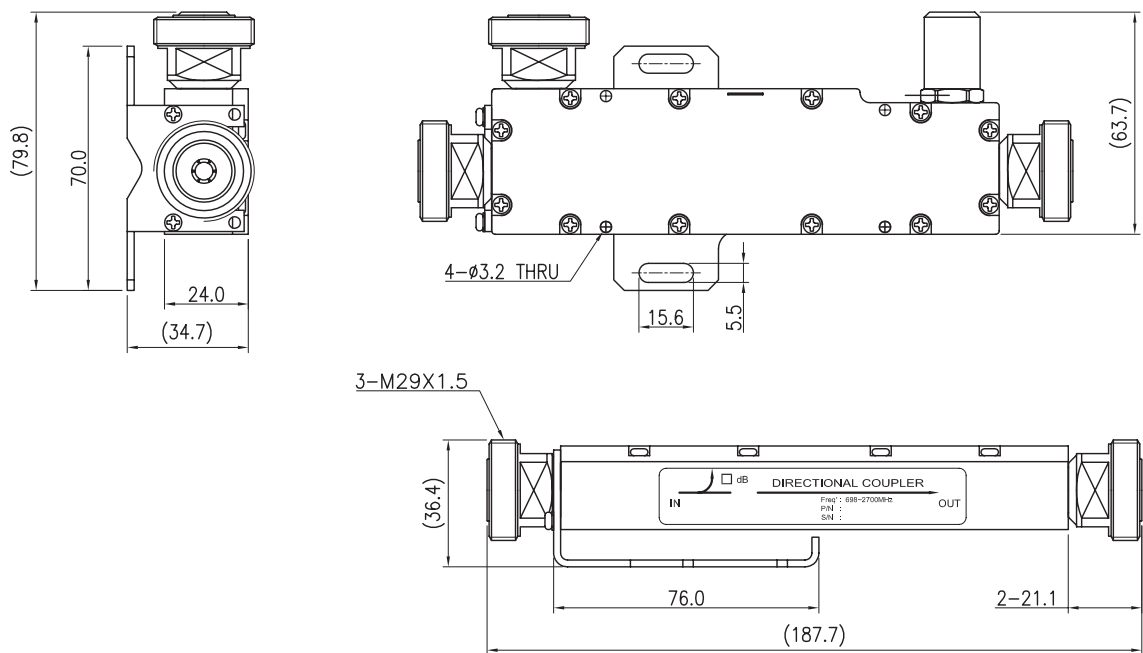
Specification	
Part Number	KCP000000
Frequency	700~2700MHz
Impedance (Ω)	50Ω
VSWR	1.2 : 1 (Max.)
Insertion Loss	3.1±0.5dB (Max.)
Flatness	0.8dB (Max.)
Isolation	25dB (Min.)
PIMD (3rd)	-150dBc(+43dBm/2tone)
DC PATH	P1-P4, P2-P3
Operating Temp.	-30℃~+60℃
Power	250Watt/Port (Max.)
Environment Class	IP67



Couplers

Directional Coupler (-10dB, 698~2700MHz)

Specification						
Code Number	KCP0110030160					
Frequency	698~2700MHz					
Impedance	50Ω					
Input VSWR	1.2 : 1 (Max.)					
Coupling Value Tolerance	10.0±1.0dB					
Insertion Loss	0.6±0.15dB					
Directivity	20dB (Min.)					
Input Power	100Watt (Max.)					
Reflected Total Power	40Watt (Max.)					
PIMD	-155dBc(+43dBm/2Tone)					
Operating Temp.	-30℃~+60℃ / 45%~95%					
Environment Class	IP67					
Insertion Loss	6dB	10dB	15dB	20dB	25dB	30dB
	1.4±0.25dB	0.6±0.15dB	0.4dB Max.	0.3dB Max.	0.2dB Max.	0.2 Max.

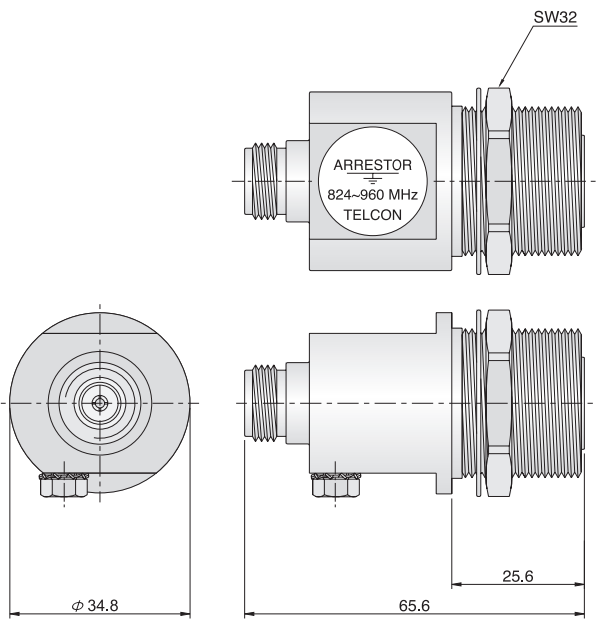


Lightning Surge Arrestors



Competitive Price, Compact Size

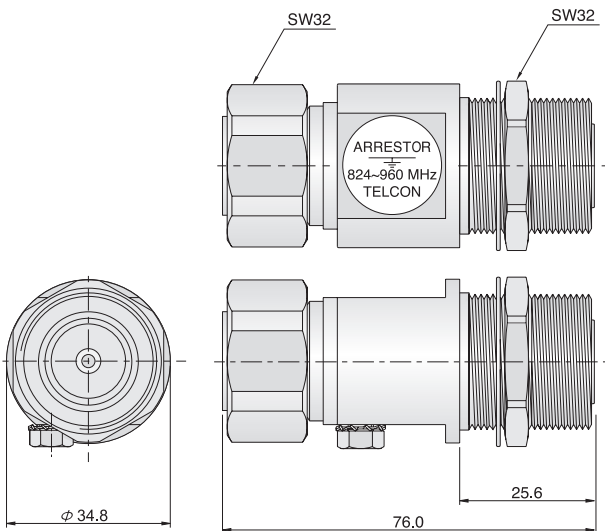
N Jack to 7/16 Jack



Specification

Part Number	KASCT81800060	KASCTR1800060	KASCTR1800070
Frequency Range(MHz)	824~960	1710~1990	1920~2170
VSWR (Max.)	1.1		
Insertion Loss(Max.)	0.1 dB		
Impedance	50 Ω		
Maximum Surge Current	20KA, 8/20μsCurrent Waveform		
Maximum Power Rating	300Watt		
PIMD(43dBm, 2tone)	-116dBm Max		
Mounting Hole	ML 22		

7/16 Plug to Jack



Specification

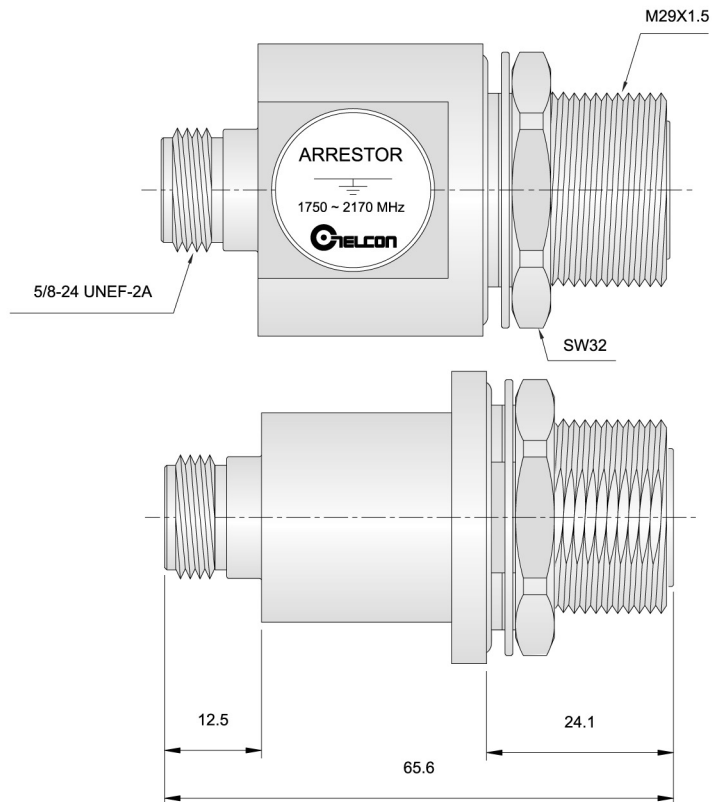
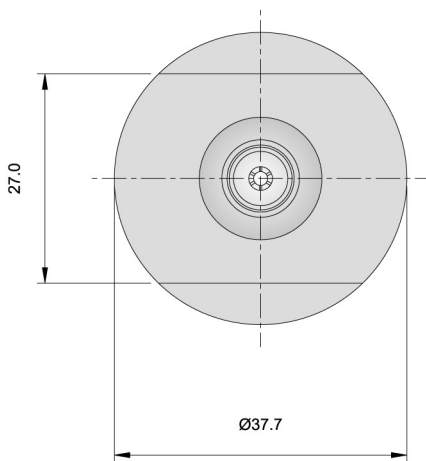
Part Number	KASCT81820030	KASCTR1820030	KASCTR1820040
Frequency Range(MHz)	824~960	1710~1990	1920~2170
VSWR (Max.)	1.1		
Insertion Loss(Max.)	0.1 dB		
Impedance	50 Ω		
Maximum Surge Current	20KA, 8/20μsCurrent Waveform		
Maximum Power Rating	600Watt		
PIMD(43dBm, 2tone)	-116dBm Max		
Mounting Hole	ML 22		

Arrestors

N Jack to 7/16 Jack

Specification

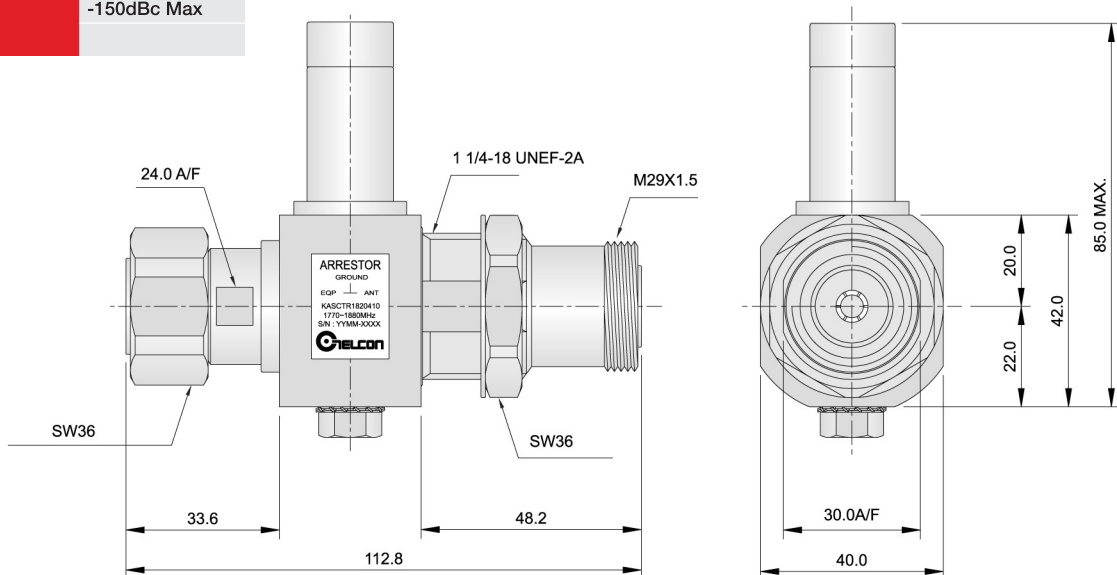
Part Number	KASCTR1800230
Impedance (Ω)	50 Ω
Frequency (MHz)	1750~2170
Maximum Surge Current	20kA, 8/20μs
V.S.W.R (Max)	1.20
Insertion loss (Max)	0.1dB
IMD [43dBm, 2Tone]	-150dBc
Remarks	



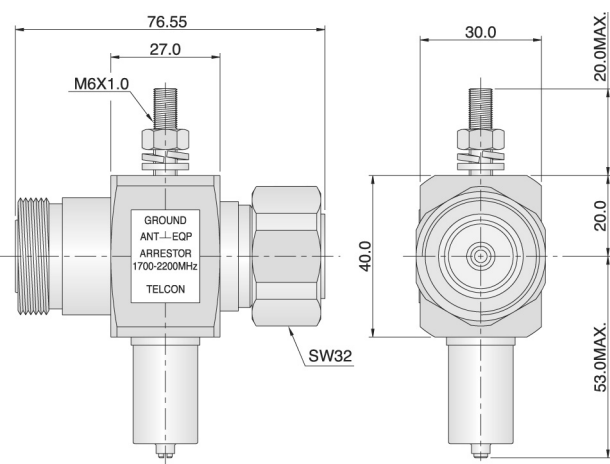
N Plug to Jack

Specification

Part Number	KASCTR1820410
Impedance (Ω)	50 Ω
Frequency (MHz)	1770~1880
Maximum Surge Current	100kA, 8/20μs
V.S.W.R (Max)	1.15
Insertion loss (Max)	0.1dB
RESIDUAL VOLTAGE (2kA/4kA)	10V Max
PIMD [43dBm, 2Tone]	-150dBc Max
Remarks	

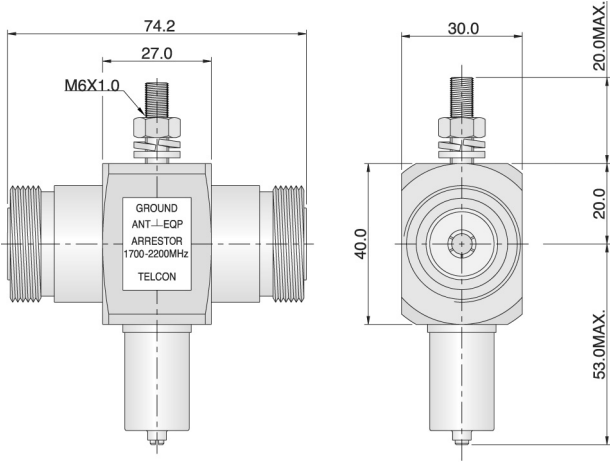


7/16 Plug to Jack



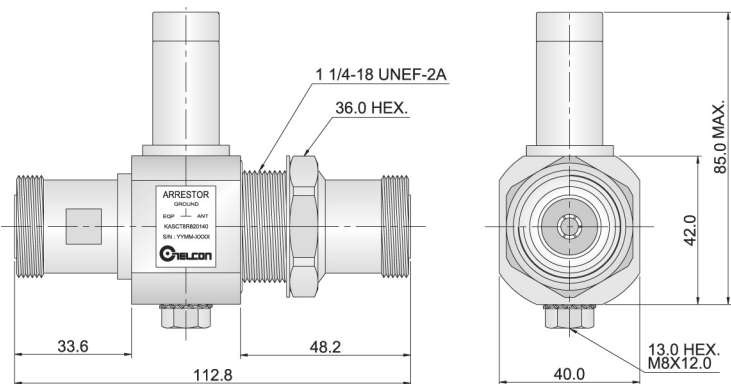
Specification	
Part Number	KASCTR1820000
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	10KA, 8/20μsCurrent Waveform
Maximum Power Rating	600Watt

7/16 Jack to Jack



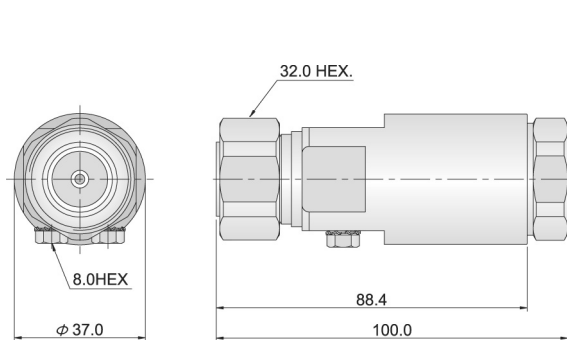
Specification	
Part Number	KASCTR1820090
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	10KA, 8/20μsCurrent Waveform
Maximum Power Rating	600Watt

7/16 Jack to 7/16 Jack



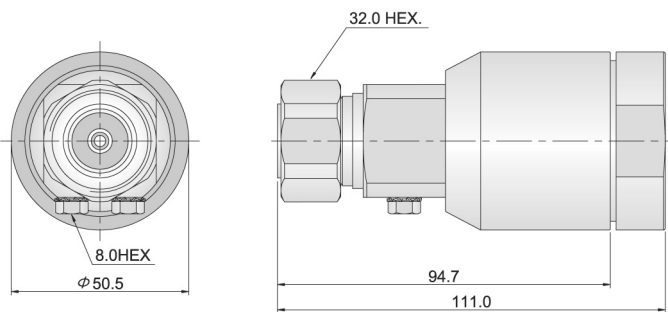
Specification	
Part Number	KASCT8R820140
Frequency Range(MHz)	824~2600
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	100KA, 8/20μsCurrent Waveform
Maximum Power Rating	600Watt
PIMD (43dBm, 2Tone)	-107dBm Max.

7/16 Plug Cable Arrestor



Specification	
Part Number	KASCT8R820110
Frequency Range(MHz)	824~2400
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	3KA, 8/20μsCurrent Waveform
Cable Type	7/8" FL (HFC 22D)

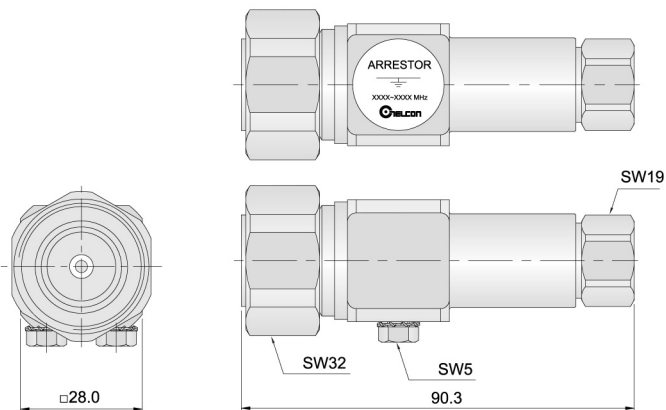
7/16 Plug Cable Arrestor



Specification

Part Number	KASCT8R820130
Frequency Range(MHz)	824~2400
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	3KA, 8/20 μ s Current Waveform
Cable Type	11/4" FL (HFC 33D)

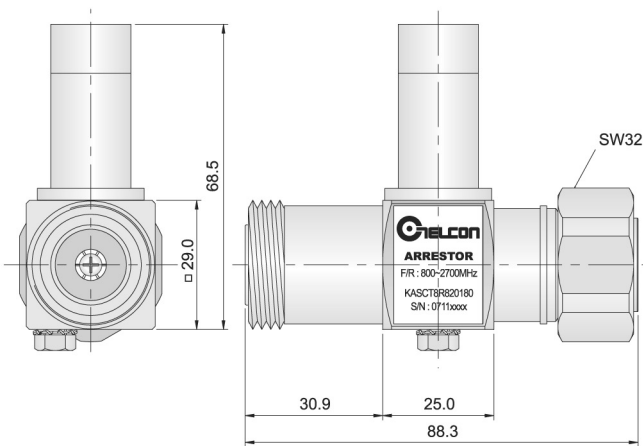
7/16 Plug Cable Arrestor



Specification

Part Number	KASCT81820110	KASCTR1820130
Impedance (Ω)	50 Ω	50 Ω
Frequency (MHz)	824~894	1885~2170
Maximum Surge Current	3kA, 8/20 μ s	3kA, 8/20 μ s
Current Waveform	Current Waveform	Current Waveform
V.S.W.R (Max)	1.10	1.15dB
Insertion loss (Max)	0.1dB	0.1dB
Remarks		

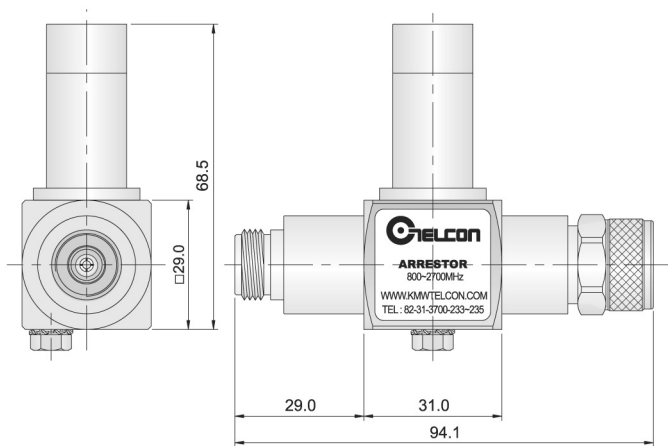
7/16 Plug to 7/16 Jack



Specification

Part Number	KASCT8R820180
Frequency Range(MHz)	800~2700
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	50KA, 8/20 μ s Current Waveform
Maximum Power Rating	600Watt
IMD (43dBm, 2Tone)	Better than -150dBc

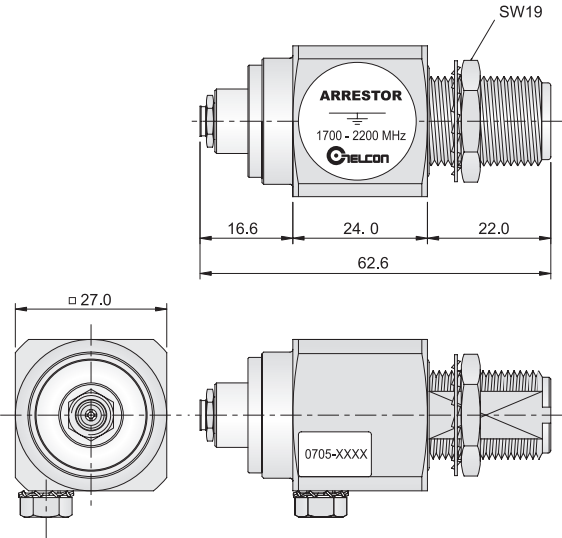
N Plug to N Jack



Specification

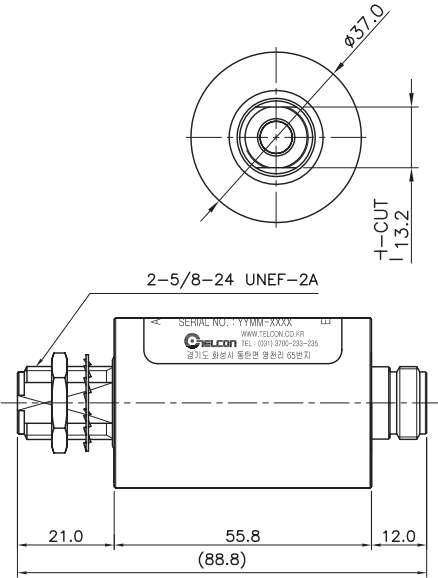
Part Number	KASCT8S800000
Frequency Range(MHz)	800~2700
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	50KA, 8/20 μ s Current Waveform
Maximum Power Rating	300Watt
IMD (43dBm, 2Tone)	Better than -150dBc

N Jack for .141Dia.(RG-402/U)



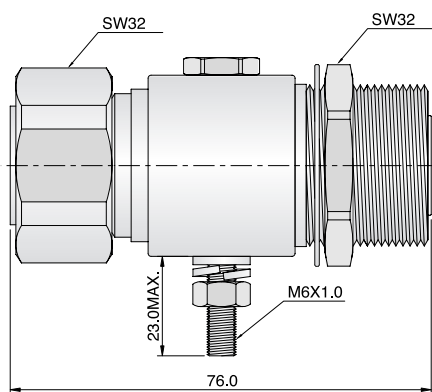
Specification	
Part Number	KASCTR1800200
Frequency Range(MHz)	1700 ~ 2200
VSWR (Max.)	1.12
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	10kA, 8/20μsCurrent Waveform
Maximum Power Rating	200Watt
Cable Type	.141 Dia.(RG-402/U)
Mounting Hole	ML 13

Small GPS/GNSS Arrestor



Specification	
Part Number	KASCTL1800020
Frequency Range(MHz)	1565~1615
VSWR (Max.)	1.2 : 1
Insertion Loss(Max.)	0.3 dB
Impedance	50 Ω
Maximum Surge Current	20KA, 8/20μs Single 1 Time 10KA, 8/20μs Multiple 10 Time
Residual Voltage (Max.)	12V [20KV(1.2/50μs), 10KV(8/20μs)]
Operating Temp.	-40℃ ~ +85℃

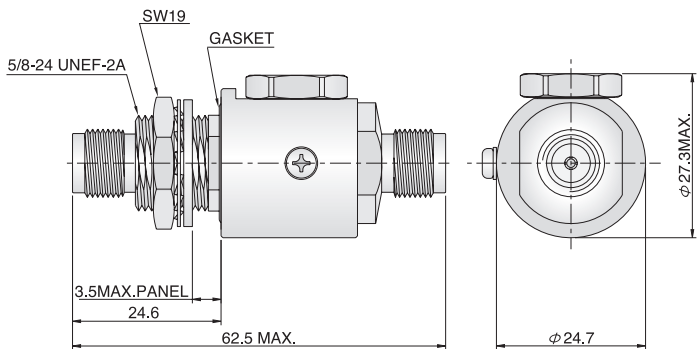
7/16 Plug to Jack



Specification

Part Number	KASCTOR820020
Frequency Range(MHz)	DC~2200
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	5KA, 8/20μsCurrent Waveform
Replaceable Gas Tube	240V ±20%

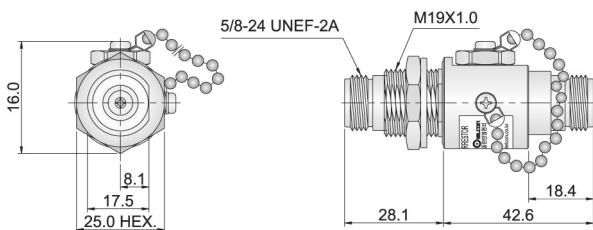
TNC Jack to Jack



Specification

Part Number	KASCTO2710000
Frequency Range(MHz)	DC~1000
VSWR (Max.)	1.15
Insertion Loss(Max.)	0.15 dB
Impedance	50 Ω
Maximum Surge Current	20KA, 8/20μsCurrent Waveform
Replaceable Gas Tube	230V ±20%
Mounting Hole	ML 13

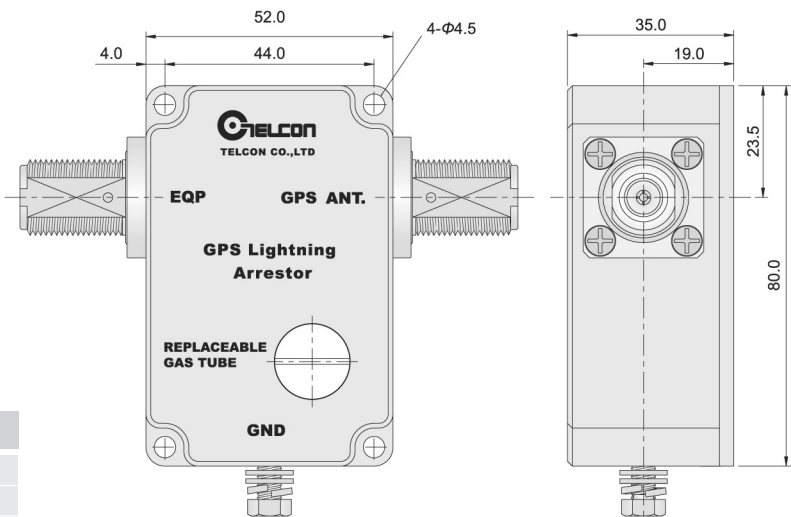
N Jack to Jack (DC Passing)



Specification

Part Number	KASCTOR800060
Frequency Range(MHz)	DC~2500
VSWR (Max.)	1.2
Insertion Loss(Max.)	0.2 dB
Impedance	50 Ω
Maximum Surge Current	20KA, 8/20μsCurrent Waveform
Replaceable Gas Tube	230V ±20%

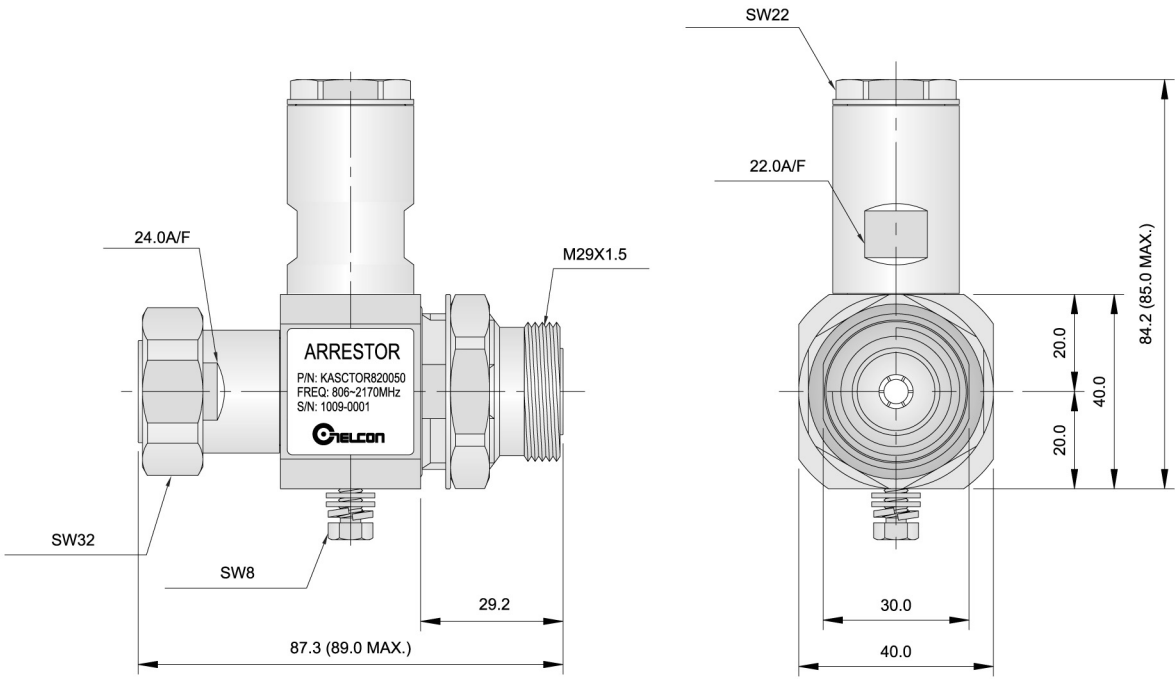
N Jack to N Jack



Specification

Part Number	KASPTL1800030
Frequency Range(MHz)	1565 ~1585
VSWR (Max.)	1.3
Insertion Loss(Max.)	0.1 dB
Impedance	50 Ω
Maximum Surge Current	2kA, 8/20μsCurrent Waveform
Maximum Power Rating	200Watt
Mounting Hole	ML 13

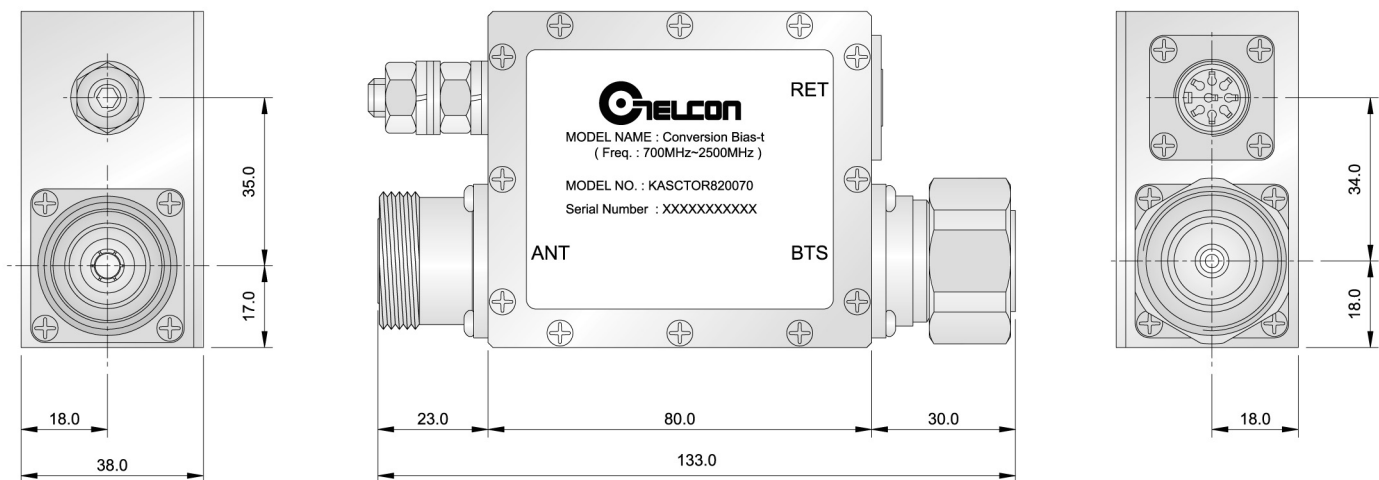
7/16 Plug to 7/16 Jack (DC Passing)



Specification

Part Number	KASCTOR820060
Impedance	50 Ω
Frequency Range(MHz)	2.0 ~ 2.3 , 800 ~ 2400
Maximum Surge Current	2kA, 8/20μsCurrent Waveform
V.S.W.R (Max.)	1.20
Insertion Loss (Max.)	10.1dB
IMD[43dBm, 2Tone] (Max.)	-150dBc
Replaceable Gas Tube	350V ±20%
Remarks	

7/16 Jack to Plug



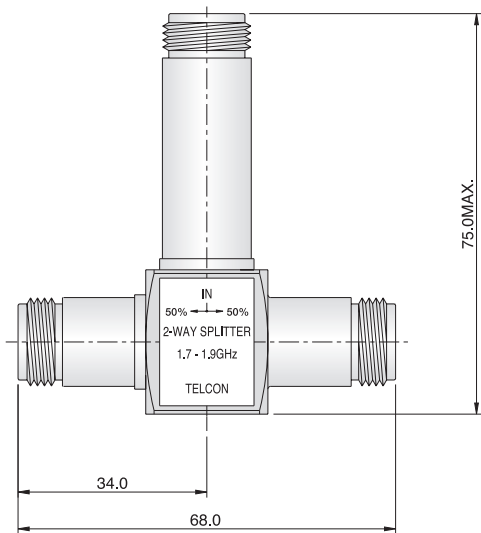
Specification

Part Number	KASCTOR820070	
Item	Specification	Remarks
Frequency Range	700~2500MHz	-
DC Voltage Range	10V~ 30V	At RF/DC/OOK Port or DC/RCU Port
DC Voltage at Non Feeder Cable Port	=0V	When follow the voltage at the other port, measure at RF Port
Current Range	≤2.3A	RF/DC/OOK Port → DC/RCU Port
DC Path Voltage loss	≤1.2V	RF/DC/OOK Port → DC/RCU Port When the current is 2.3A, the voltage loss is ≤1.2V
Return Loss	50Ω, 20dB	RF/DC/OOK Port → RF Port
RF Signal Path Loss	50Ω, IL≤0.1dB @700~2500MHz	RF/DC/OOK Port → RF Port
RF Signal Isolation	Isolation ≥70dB @RF/DC/OOK↔RF	Could be adjusted according to customer's requirement
	Isolation ≥70dB @RF↔DC/RCU	
	Isolation 0dB @RF/DC/OOK↔DC/RCU	
Passive IMD	≤-160dBc (3rd order, 2x20W tone)	-
Lightning protection	3KA(10/350us)	Test Port : RF/DC/OOK Port ▯ RF Port
Operating Temperature	3KA(Common Mode)	Test Port : DC/RCU Port
Weather Protection	-40°C~+65°C	°C
	IP 65	-

Power Dividers

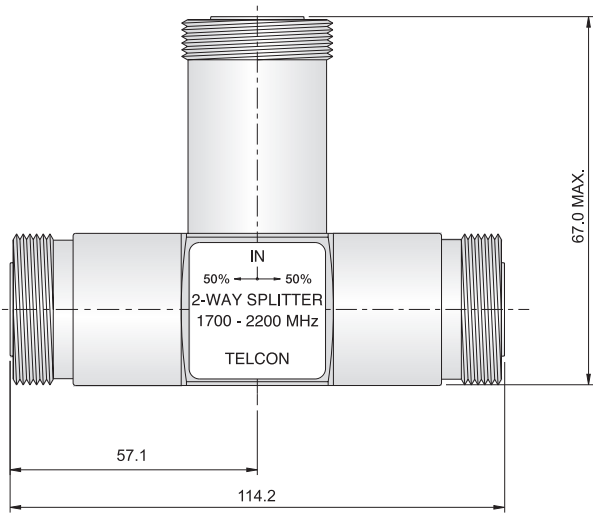


2WAY N Type 3Jacks



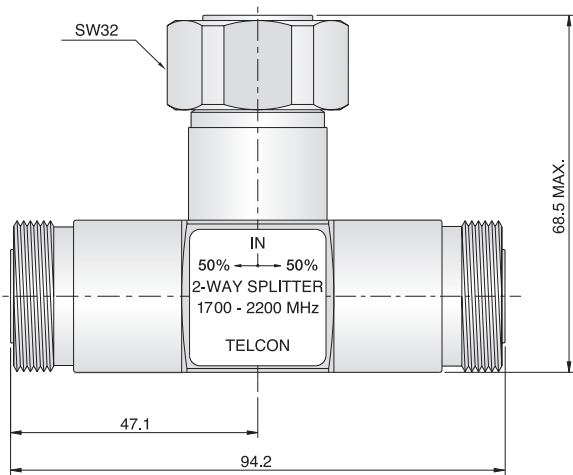
Specification	
Part Number	KPS21R1800030
Frequency Range(MHz)	1700~1900
VSWR (Max.)	1.25
Insertion Loss (dB)	3.2 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

2WAY 7/16 Type 3Jacks



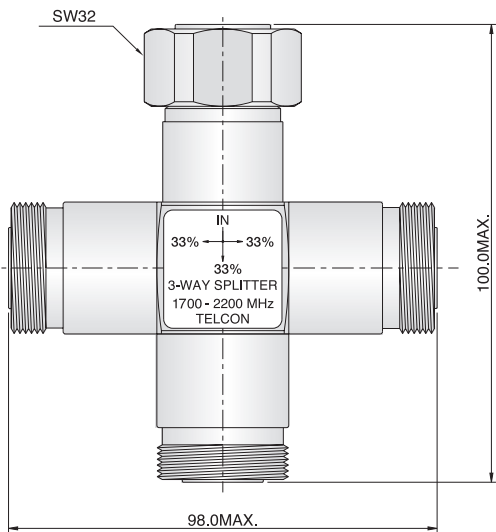
Specification	
Part Number	KPS21R1820100
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	3.2 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

2WAY 7/16 Type 1Plug-2Jacks



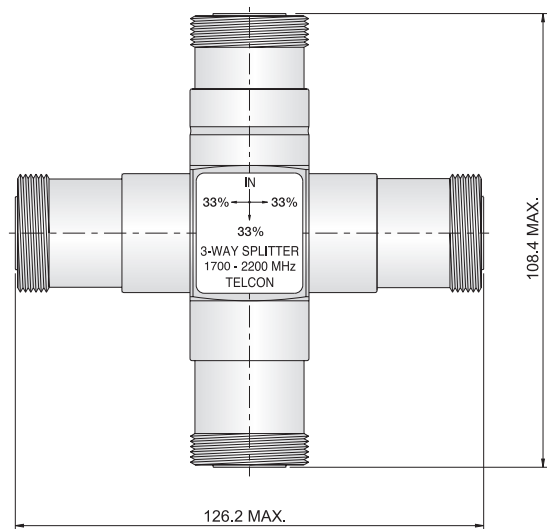
Specification	
Part Number	KPS21R1820030
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	3.2 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

3WAY 7/16 Type 1Plug-3Jacks



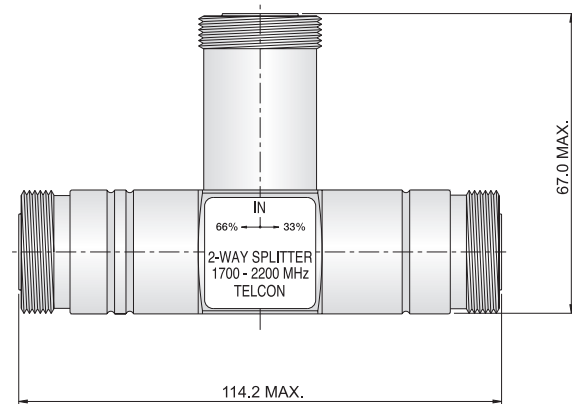
Specification	
Part Number	KPS31R1820010
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	5.0 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

3WAY 7/16 Type 4Jacks



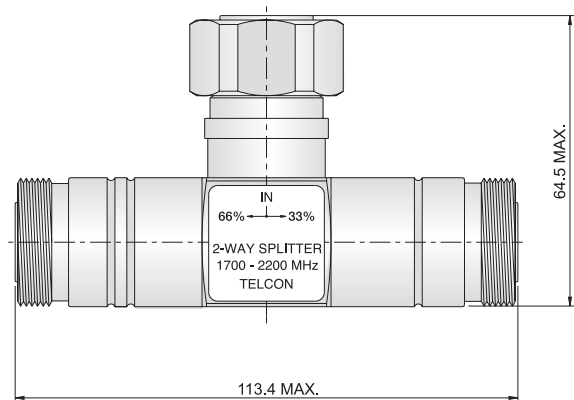
Specification	
Part Number	KPS31R1820070
Frequency Range(MHz)	1700~2400
VSWR (Max.)	1.25
Insertion Loss (dB)	5.0 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

UNBALANCED 2WAY 7/16 Type 3Jacks



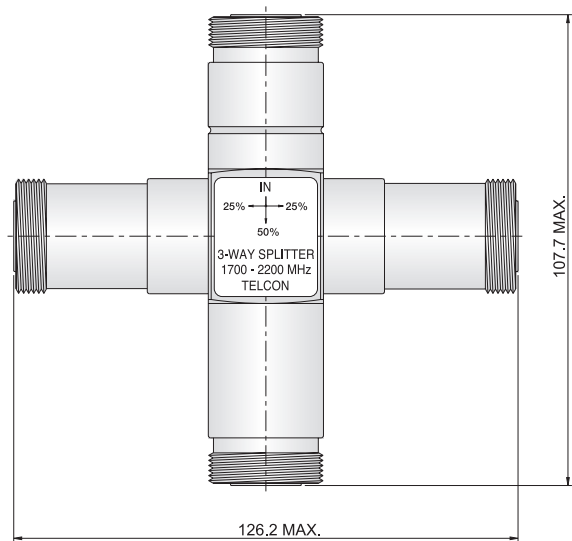
Specification	
Part Number	KPS21R1820110
Frequency Range(MHz)	1700~2400
VSWR (Max.)	1.25
Insertion Loss (dB)	OUTPUT 1 = 5.6 Max OUTPUT 2 = 2.0 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

UNBALANCED 2WAY 7/16 Type 1Plug -2Jacks



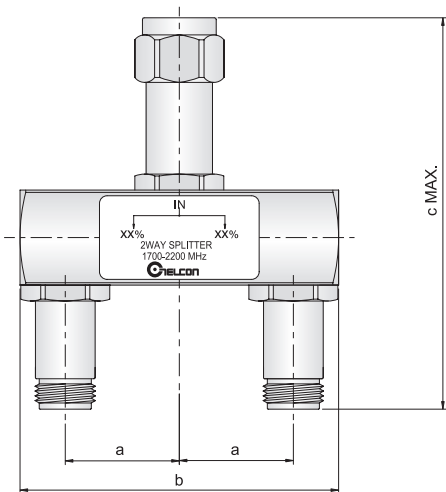
Specification	
Part Number	KPS21R1820060
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	OUTPUT 1 = 5.6 Max OUTPUT 2 = 2.0 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

UNBALANCED 3WAY 7/16 Type 4Jacks



Specification	
Part Number	KPS31R1820080
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	OUTPUT 1 = 6.3 Max OUTPUT 2 = 6.3 Max OUTPUT 3 = 3.3 Max
Impedance	50 Ω
Maximum Power Rating	600Watt

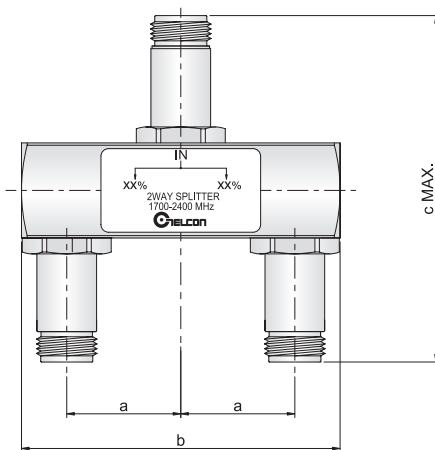
2WAY N Type 1Plug to 2 Jacks (U-type)



Specification

Part Number	KPS21R1800570	KPS21R1800580
Frequency Range(MHz)	1700~2200	
VSWR (Max.)	1.25	
Insertion Loss (dB)	3.2 Max	OUTPUT1= 5.6 Max OUTPUT2= 2.0 Max
Impedance	50 Ω	
Maximum Power Rating	300Watt	
Remarks	EQUAL a=30.0 b=83.8 c=105.0	UNEQUAL a=37.6 b=99.0 c=100.0

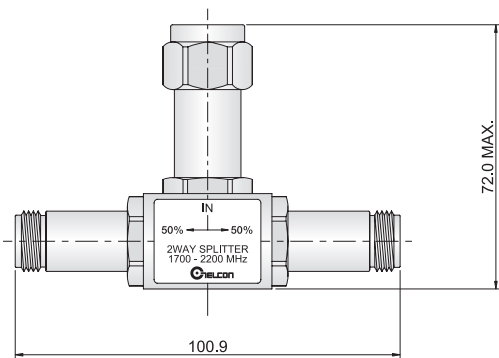
2WAY N Type 3Jacks (U-type)



Specification

Part Number	KPS21R1800590	KPS21R1800600
Frequency Range(MHz)	1700~2400	
VSWR (Max.)	1.25	
Insertion Loss (dB)	3.2 Max	OUTPUT1= 5.6 Max OUTPUT2= 2.0 Max
Impedance	50 Ω	
Maximum Power Rating	300Watt	
Remarks	EQUAL a=30.0 b=83.8 c=95.0	UNEQUAL a=37.6 b=99.0 c=95.0

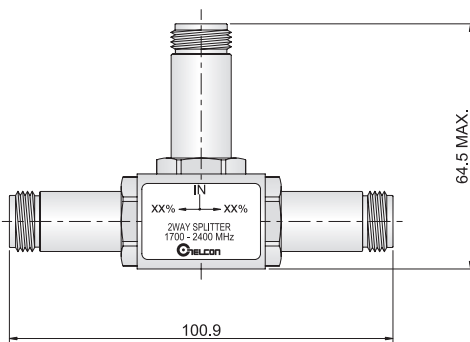
2WAY N Type 1Plug to 2Jacks (T-type)



Specification

Part Number	KPS21R1800610
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	3.2 Max
Impedance	50 Ω
Maximum Power Rating	300Watt
Remarks	EQUAL

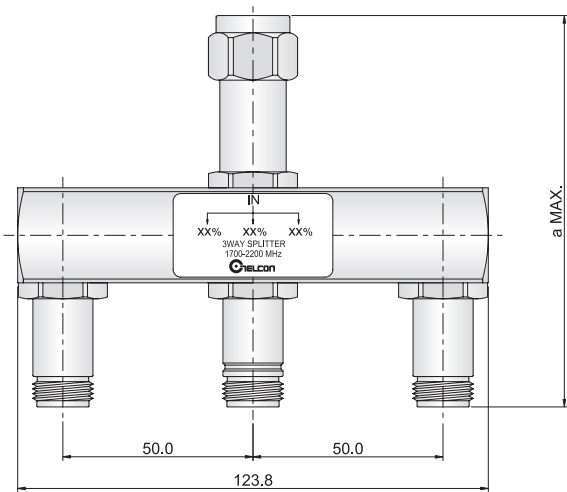
2WAY N Type 3Jacks (T-type)



Specification

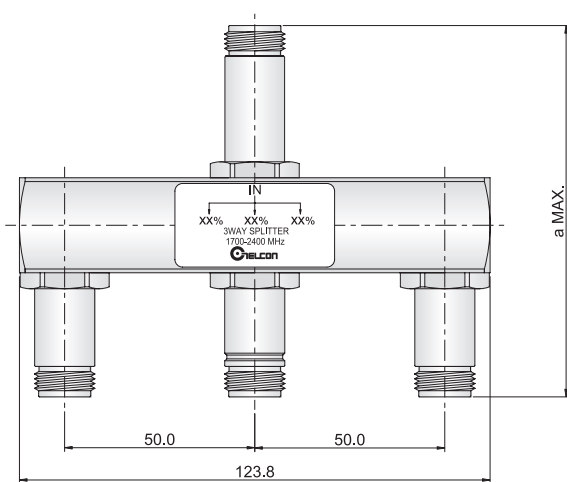
Part Number	KPS21R1800620	KPS21R1800630
Frequency Range(MHz)	1700~2400	
VSWR (Max.)	1.25	
Insertion Loss (dB)	3.2 Max	OUTPUT1= 5.6 Max OUTPUT2= 2.0 Max
Impedance	50 Ω	
Maximum Power Rating	300Watt	
Remarks	EQUAL	UNEQUAL

3WAY N Type 1Plug to 3Jacks (U-type)



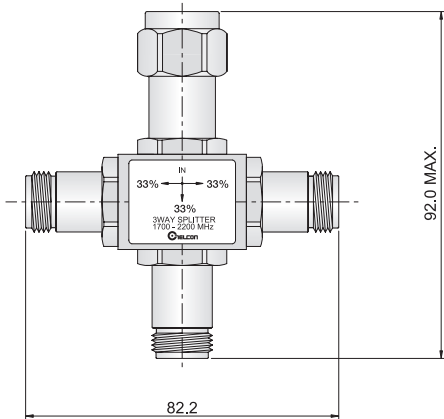
Specification			
Part Number	KPS31R1800540		KPS31R1800550
Frequency Range(MHz)	1700~2200		
VSWR (Max.)	1.25		
Insertion Loss (dB)	5.0 Max		OUTPUT1= 6.3 Max OUTPUT2= 6.3 Max OUTPUT3= 3.3 Max
Impedance	50 Ω		
Maximum Power Rating	300Watt		
Remarks	EQUAL	a=105.0	UNEQUAL a=100.0

3WAY N Type 4Jacks (U-type)



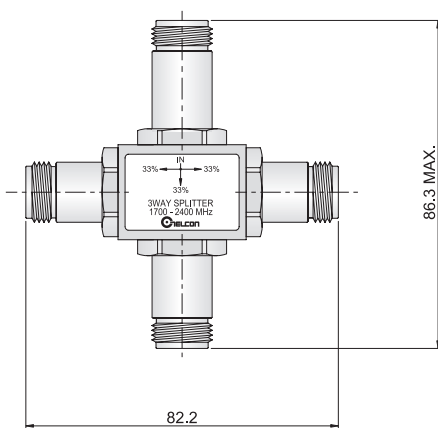
Specification			
Part Number	KPS31R1800560		KPS31R1800570
Frequency Range(MHz)	1700~2400		
VSWR (Max.)	1.25		
Insertion Loss (dB)	5.0 Max	OUTPUT1= 6.3 Max	
		OUTPUT2= 6.3 Max	
		OUTPUT3= 3.3 Max	
Impedance	50 Ω		
Maximum Power Rating	300Watt		
Remarks	EQUAL	a=100.0	UNEQUAL a=90.0

3WAY N Type 1Plug to 3Jacks (T-type)



Specification	
Part Number	KPS31R1800580
Frequency Range(MHz)	1700~2200
VSWR (Max.)	1.25
Insertion Loss (dB)	5.0 Max
Impedance	50 Ω
Maximum Power Rating	300Watt
Remarks	EQUAL

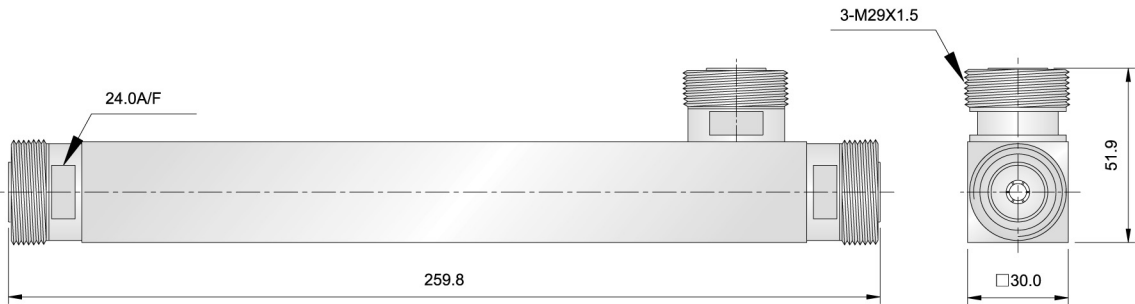
3WAY N Type 4Jacks (T-type)



Specification	
Part Number	KPS31R1800590
Frequency Range(MHz)	1700~2400
VSWR (Max.)	1.25
Insertion Loss (dB)	5.0 Max
Impedance	50 Ω
Maximum Power Rating	300Watt
Remarks	EQUAL

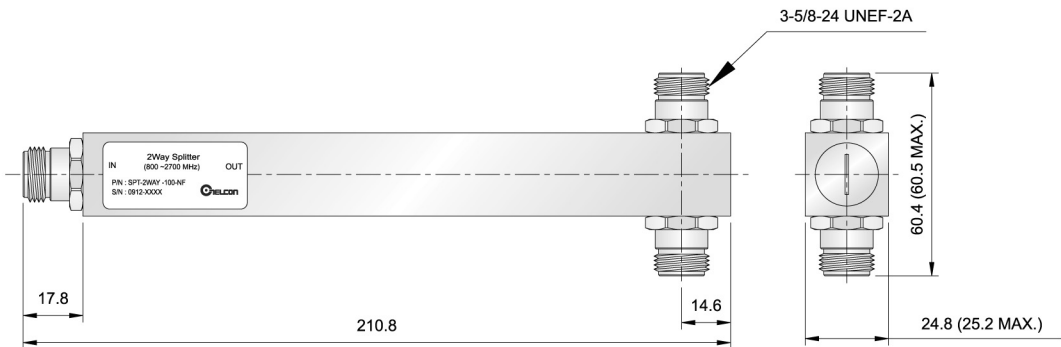
2Way 7/16 Jack

Specification	
Part Number	KPS218R820010
Impedance (Ω)	50 Ω
Frequency (MHz)	800~2500
V.S.W.R (Max)	1.20
Insertion Loss (Max)	0.2dB
Power	600W
Remarks	



2Way N Jack

Specification	
Part Number	KPS218S800040
Impedance (Ω)	50 Ω
Frequency (MHz)	800~2700
V.S.W.R (Max)	1.20
Insertion Loss (Max)	3.2dB
Power	300W
IMD [43dBm, 2Tone] (Max)	-150dBc
Remarks	

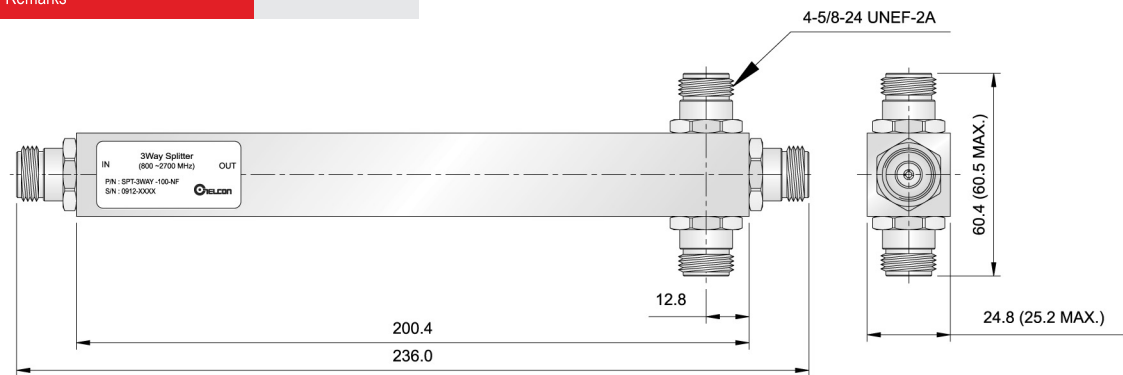


Dividers

3Way N Jack

Specification

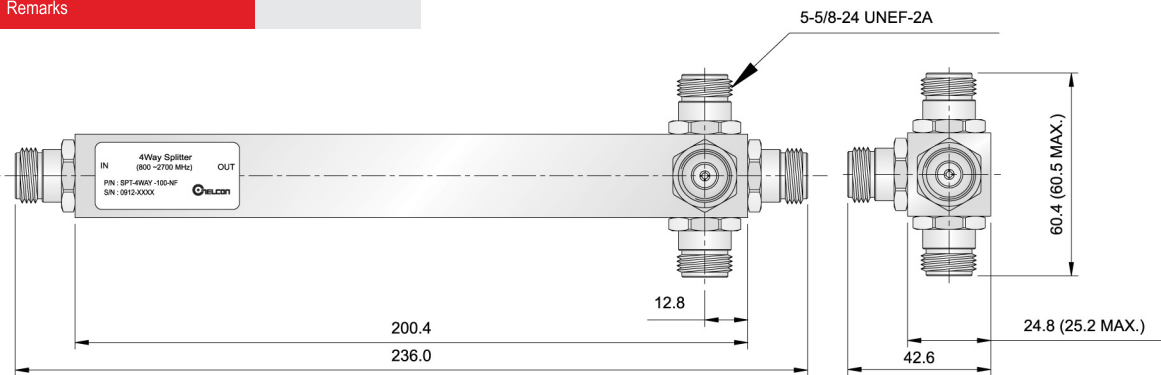
Part Number	KPS318S800010
Impedance (Ω)	50 Ω
Frequency (MHz)	800~2700
V.S.W.R (Max)	1.20
Insertion Loss (Max)	5.1dB
Power	300W
IMD [43dBm, 2Tone] (Max)	-150dBc
Remarks	



4Way N Jack

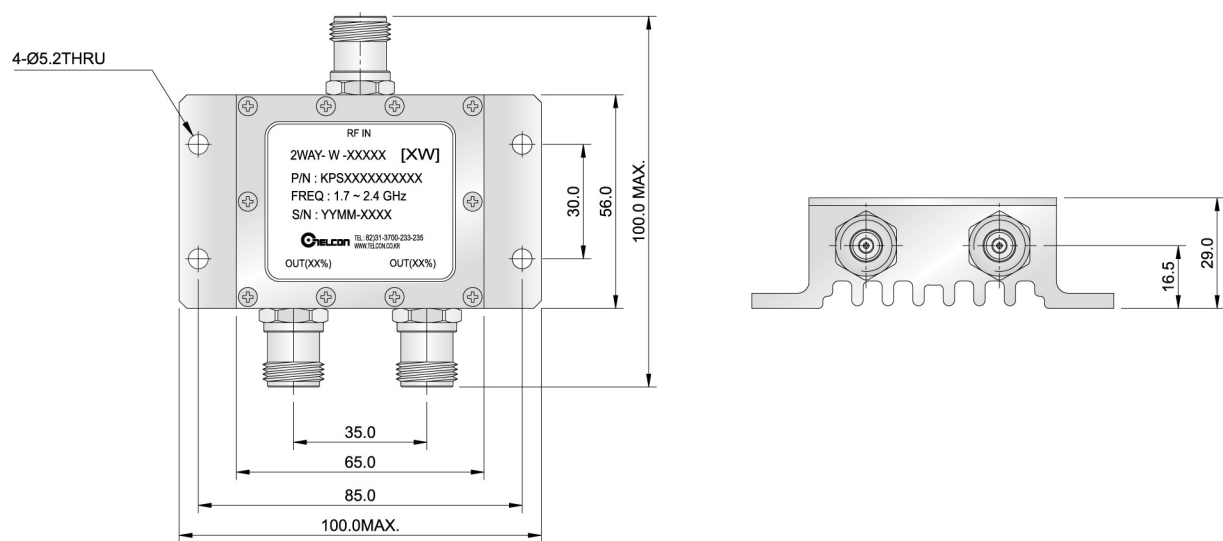
Specification

Part Number	KPS418S800010
Impedance (Ω)	50 Ω
Frequency (MHz)	800~2700
V.S.W.R (Max)	1.20
Insertion Loss (Max)	6.3dB
Power	300W
IMD [43dBm, 2Tone] (Max)	-150dBc
Remarks	



Power Dividers (Wilkinson)

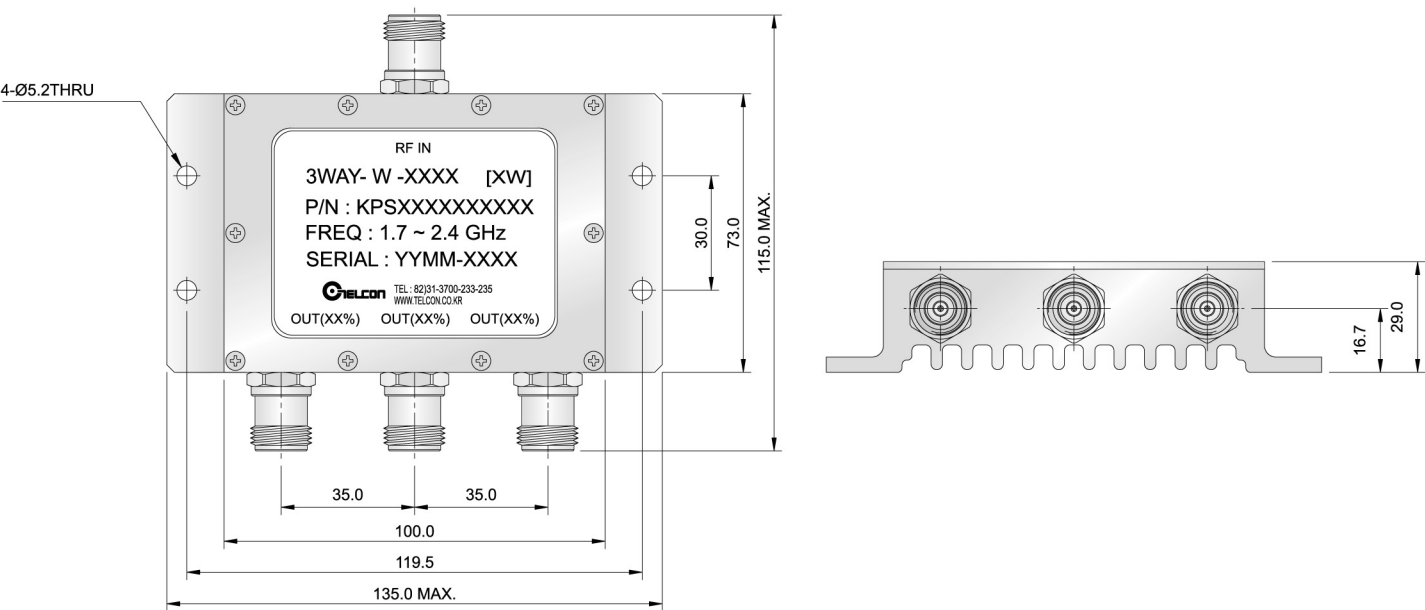
2WAY N Type 3Jacks



Specification						
Part Number	KPS21R1800640	KPS21R1800650	KPS21R1800660	KPS21R1800670	KPS21R1800680	KPS21R1800690
Frequency Range(MHz)	1700~2400					
VSWR (Max.)	1.25					
Insertion Loss (dB)	3.5 Max	OUTPUT1= 5.7 Max OUTPUT2= 2.0 Max	3.5 Max	OUTPUT1= 5.7 Max OUTPUT2= 2.0 Max	3.5 Max	OUTPUT1= 5.7 Max OUTPUT2= 2.0 Max
Isolation (dB)	20.0 Max					
Maximum Power Rating	1Watt		20Watt		50Watt	
Impedance	50 Ω					
Remarks	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL

Power Dividers (Wilkinson)

3WAY N Type 4Jacks

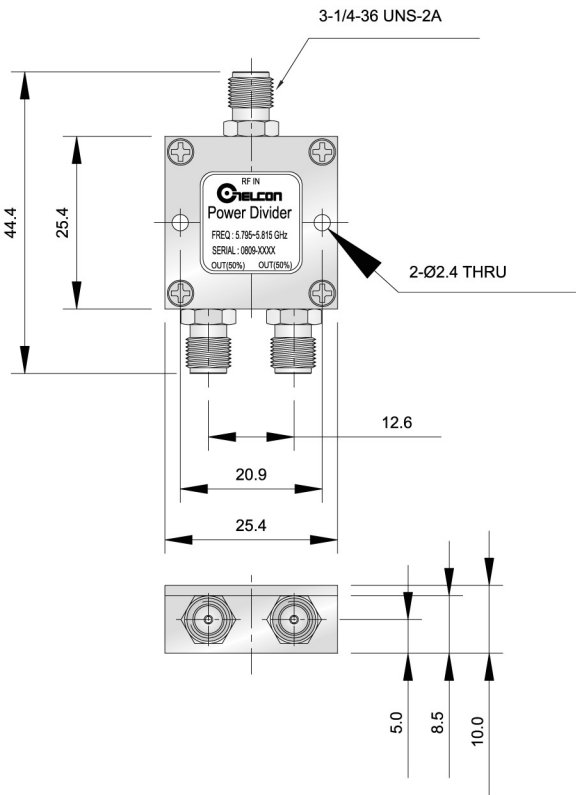


Specification						
Part Number	KPS31R1800600	KPS31R1800610	KPS31R1800620	KPS31R1800630	KPS31R1800640	KPS31R1800650
Frequency Range(MHz)	1700~2400					
VSWR (Max.)	1.25					
Insertion Loss (dB)	5.3 Max	OUTPUT1= 6.5 Max OUTPUT2= 6.5 Max OUTPUT3= 3.5 Max	5.3 Max	OUTPUT1= 6.5 Max OUTPUT2= 6.5 Max OUTPUT3= 3.5 Max	5.3 Max	OUTPUT1= 6.5 Max OUTPUT2= 6.5 Max OUTPUT3= 3.5 Max
Isolation (dB)	20.0 Max					
Maximum Power Rating	1Watt		20Watt		50Watt	
Impedance	50 Ω					
Remarks	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL

Power Dividers (Wilkinson)

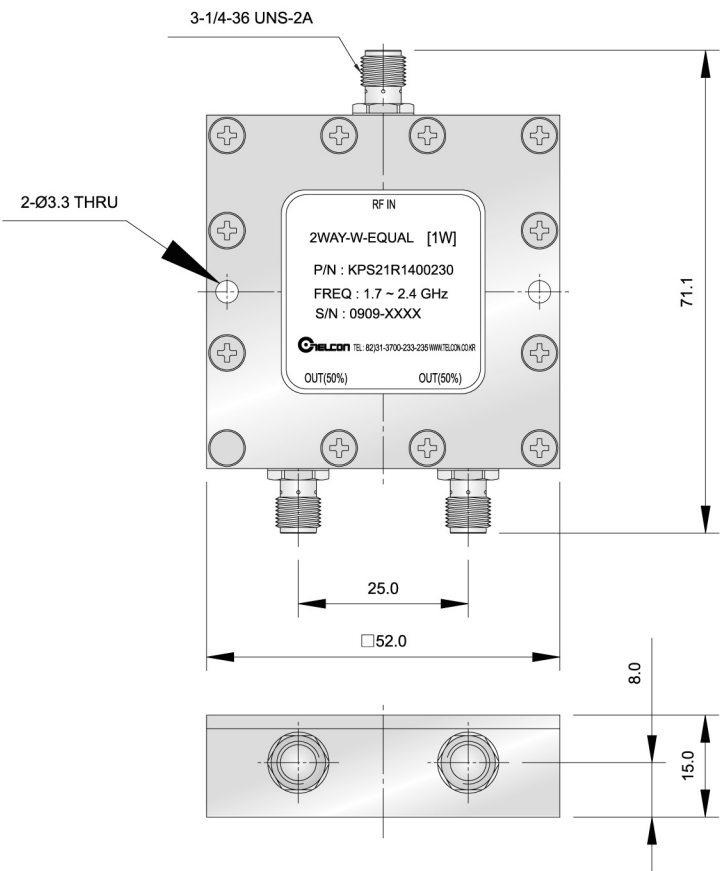
2Way SMA Jack

Specification	
Part Number	KPS21RC400010
Impedance (Ω)	50 Ω
Frequency (MHz)	5.795~5.815
V.S.W.R (Max)	1.50
Insertion Loss (Max)	3.5dB
Isolation (Min)	20dB
Power	1W
Remarks	



2Way SMA Jack

Specification	
Part Number	KPS21R1400190
Impedance (Ω)	50 Ω
Frequency (MHz)	1.7~2.4
V.S.W.R (Max)	1.25
Insertion Loss (Max)	3.5dB
Isolation (Min)	20dB
Power	1W
Remarks	EQUAL

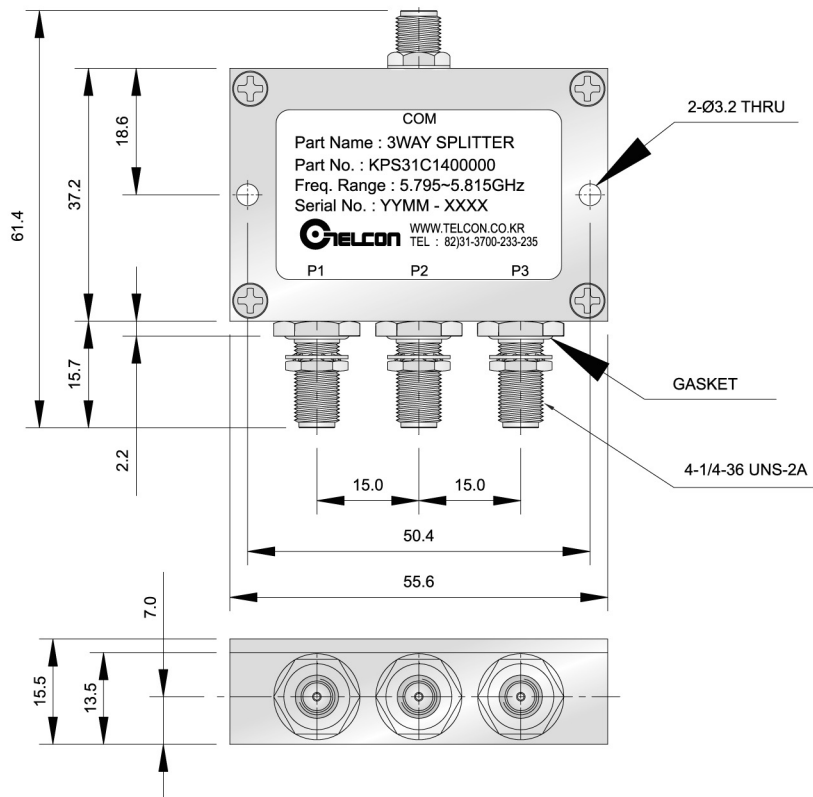


Dividers

Power Dividers (Wilkinson)

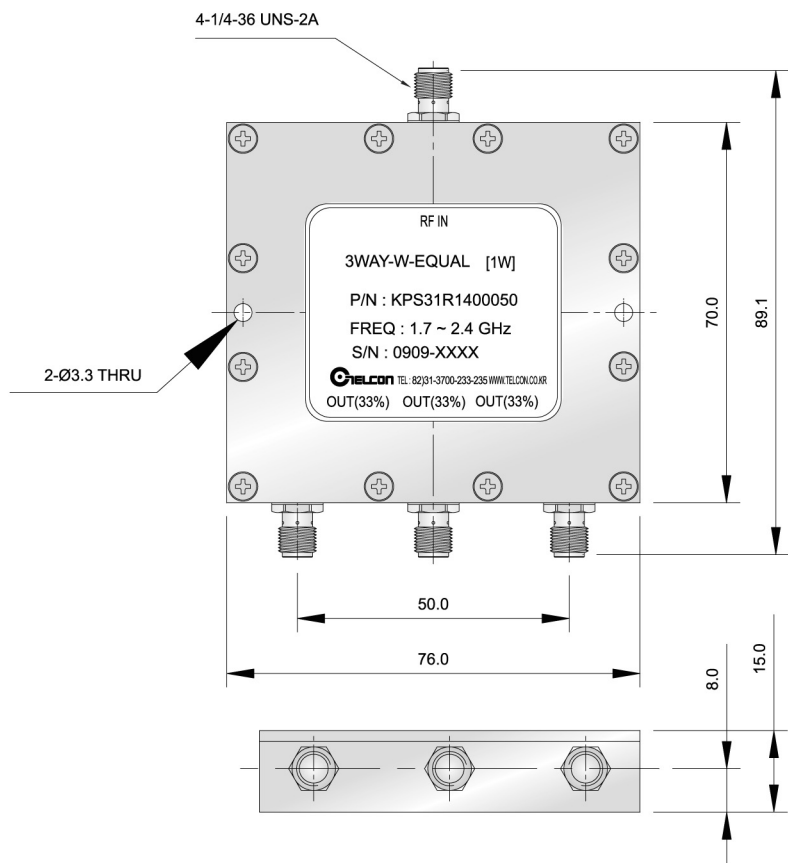
3Way SMA Jack

Specification	
Part Number	KPS31C1400000
Impedance (Ω)	50Ω
Frequency (MHz)	5.795~5.815
V.S.W.R (Max)	1.20
Insertion Loss (Max)	5.4dB
Isolation (Min)	20dB
Power	1W
Remarks	EQUAL



3Way SMA Jack

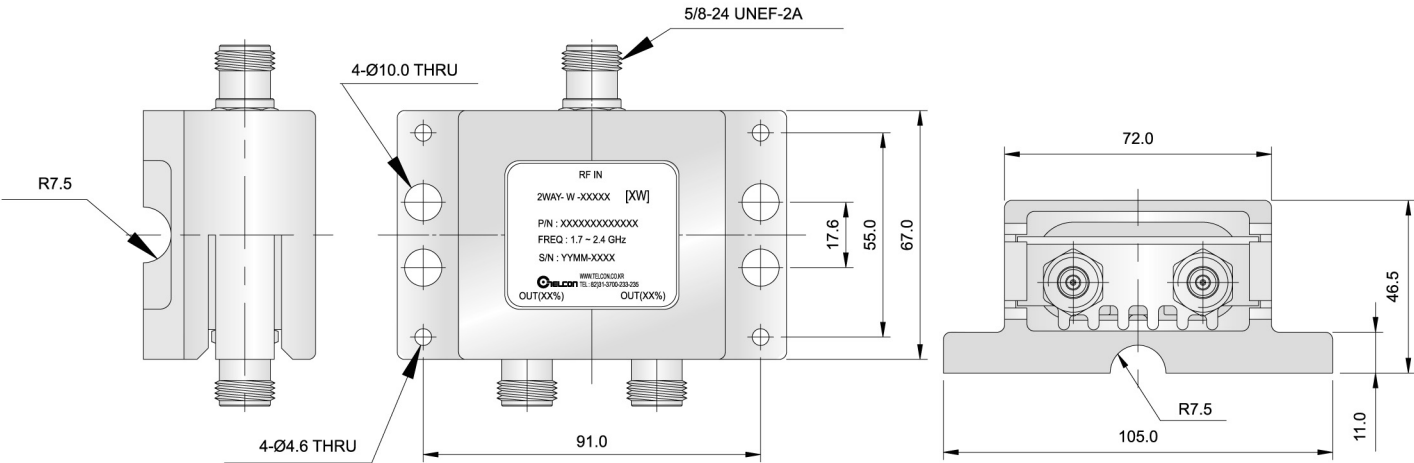
Specification	
Part Number	KPS31R1400050
Impedance (Ω)	50Ω
Frequency (MHz)	1.7~2.4
V.S.W.R (Max)	1.25
Insertion Loss (Max)	5.3dB
Isolation (Min)	20dB
Power	1W
Remarks	EQUAL



Power Dividers (Wilkinson)

2Way N Jack

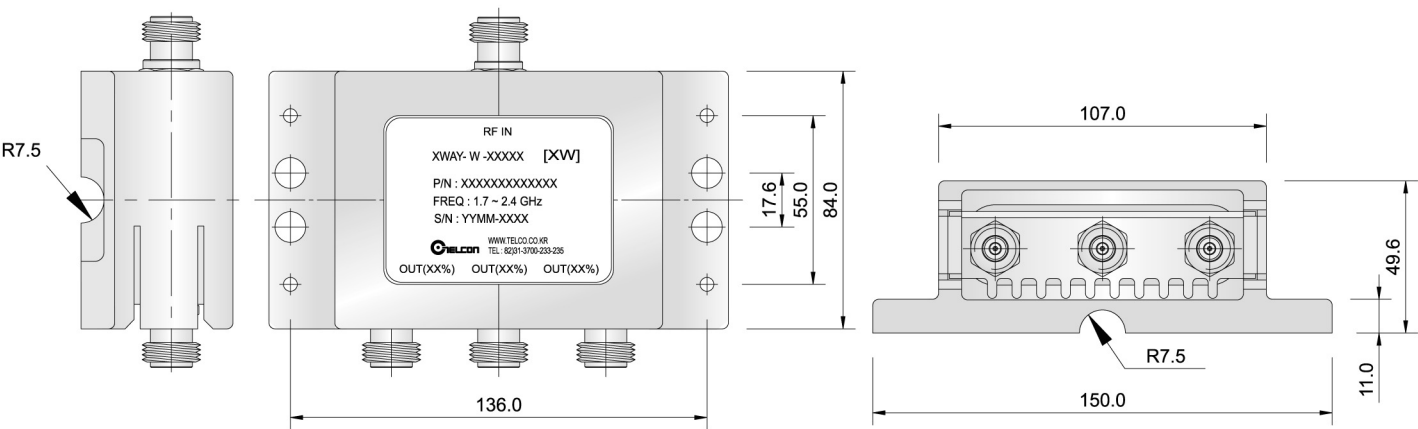
Part Number	KPS21R1800490	KPS21R1800500	KPS21R1800510	KPS21R1800520	KPS21R1800530	KPS21R1800540	KPS21R1800550	KPS21R1800560
Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Frequency Range(MHz)	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4
V.S.W.R. (Max.)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Insertion Loss (Max.)	3.5dB	2.0 / 5.6dB	3.5dB	2.0 / 5.6dB	3.5dB	2.0 / 5.6dB	3.5dB	2.0 / 5.6dB
Insertion (Min.)	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB
IMD [43dBm, 2Tone (Max.)	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBcB
Power	1W	1W	20W	20W	50W	50WB	100W	100W
Remarks	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL



Power Dividers (Wilkinson)

3Way N Jack

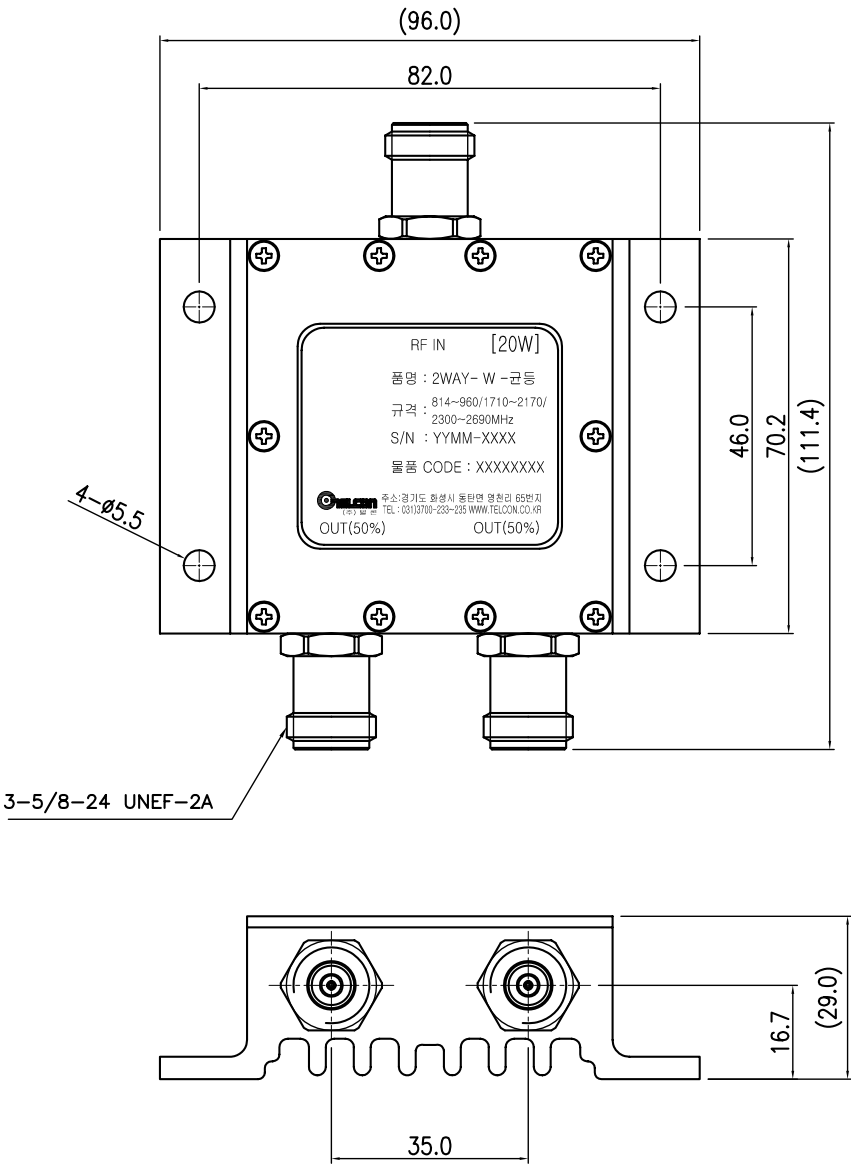
Part Number	KPS21R1800460	KPS21R1800470	KPS21R1800480	KPS21R1800490	KPS21R1800500	KPS21R1800510	KPS21R1800520	KPS21R1800530
Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Frequency Range(MHz)	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4	1.7~ 2.4
V.S.W.R (Max.)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Insertion Loss (Max.)	5.3dB	6.3 / 3.3 / 3.3dB	5.3dB	6.3 / 3.3 / 3.3dB	5.3dB	6.3 / 3.3 / 3.3dB	5.3dB	6.3 / 3.3 / 3.3dB
Insertion (Min.)	20dB	20dB	20dB	20dB	20dB	20dB	20dB	20dB
IMD [43dBm, 2Tone (Max.)	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBc	-120dBcB
Power	1W	1W	20W	20W	50W	50WB	100W	100W
Remarks	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL	EQUAL	UNEQUAL



Power Dividers (Wilkinson)

KT MB Splitter (2Way 균등, 20Watt)

Part Number	KPS218S800100
Frequency	814~960(MHz) / 1710~2170(MHz) / 2300~2690(MHz)
Impedance	50Ω (Nominal)
V.S.W.R (Max.)	1.2 : 1
Insertion Loss (Max.)	3.5dB
Isolation	20dB (Max.)
Power (Max)	20Watt
PIMD (Max)	-140dBc [2X10W (2 Carriers)]
Operating Temp.	-30℃~+60℃

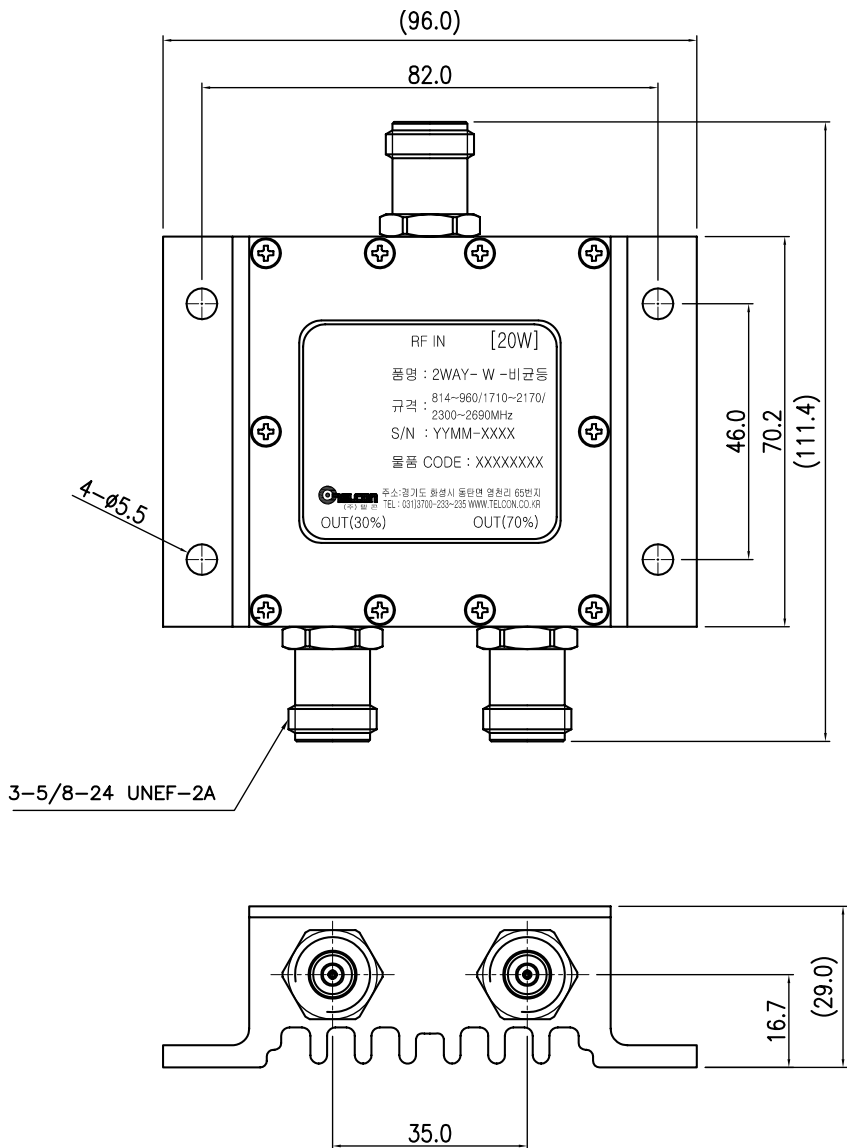


Dividers

Power Dividers (Wilkinson)

KT MB Splitter (2Way 비균등, 20Watt)

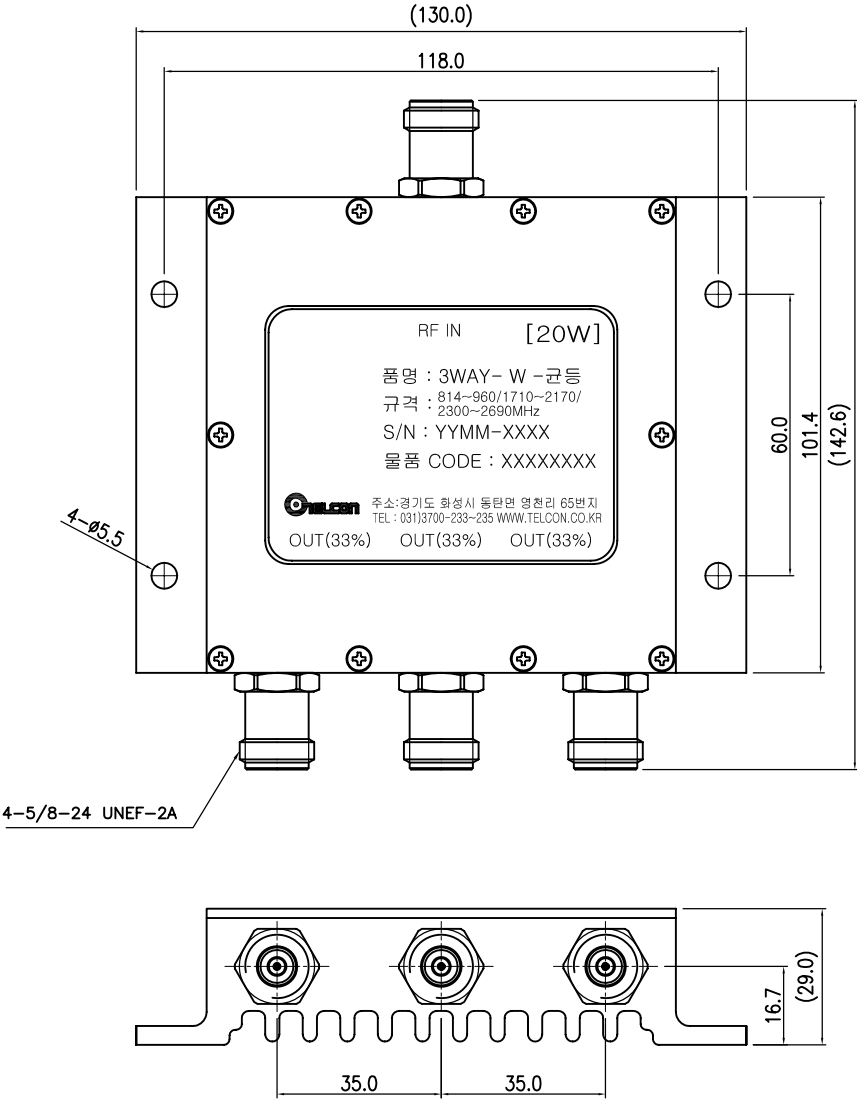
Part Number	KPS218S800110
Frequency	814~960(MHz) / 1710~2170(MHz) / 2300~2690(MHz)
Impedance	50Ω (Nominal)
V.S.W.R (Max.)	1.2 : 1
Insertion Loss (Max.)	2.2dB (70%) / 5.9dB (30%)
Isolation	20dB (Max.)
Power (Max)	20Watt
PIMD (Max)	-140dBc [2X10W (2 Carriers)]
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

KT MB Splitter (3Way 균등, 20Watt)

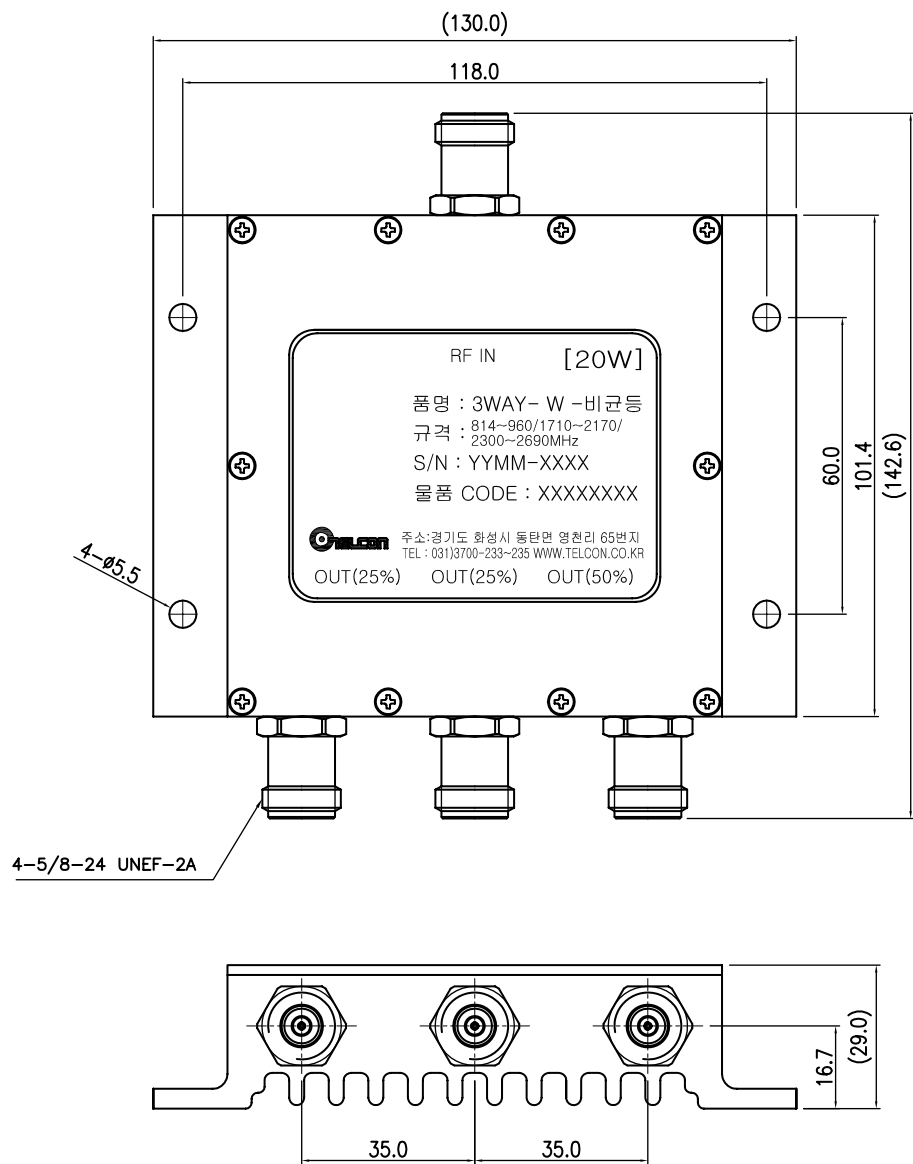
Part Number	KPS318S800040
Frequency	814~960(MHz) / 1710~2170(MHz) / 2300~2690(MHz)
Impedance	50Ω (Nominal)
V.S.W.R (Max.)	1.2 : 1
Insertion Loss (Max.)	6.0dB
Isolation	20dB (Max.)
Power (Max)	20Watt
PIMD (Max)	-140dBc [2X10W (2 Carriers)]
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

KT MB Splitter (3Way 비균등, 20Watt)

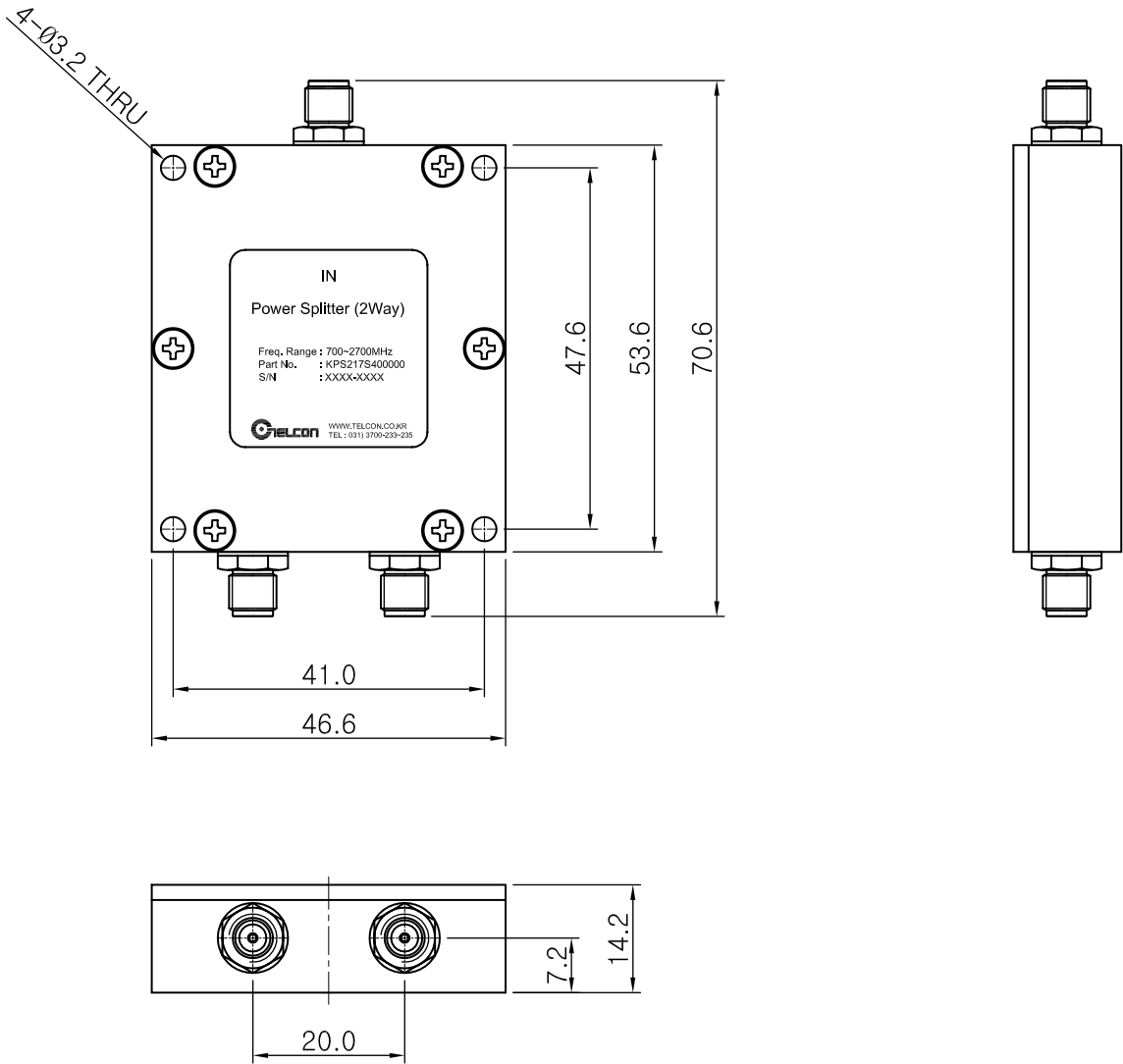
Part Number	KPS318S800050
Frequency	814~960(MHz) / 1710~2170(MHz) / 2300~2690(MHz)
Impedance	50Ω (Nominal)
V.S.W.R (Max.)	1.2 : 1
Insertion Loss (Max.)	3.7dB (50%) / 7.0dB (25%)
Isolation	20dB (Max.)
Power (Max)	20Watt
PIMD (Max)	-140dBc [2X20W (2 Carriers)]
Operating Temp.	-30℃ ~ +60℃



Power Dividers (Wilkinson)

Power Splitter (2Way, 700~2700MHz)

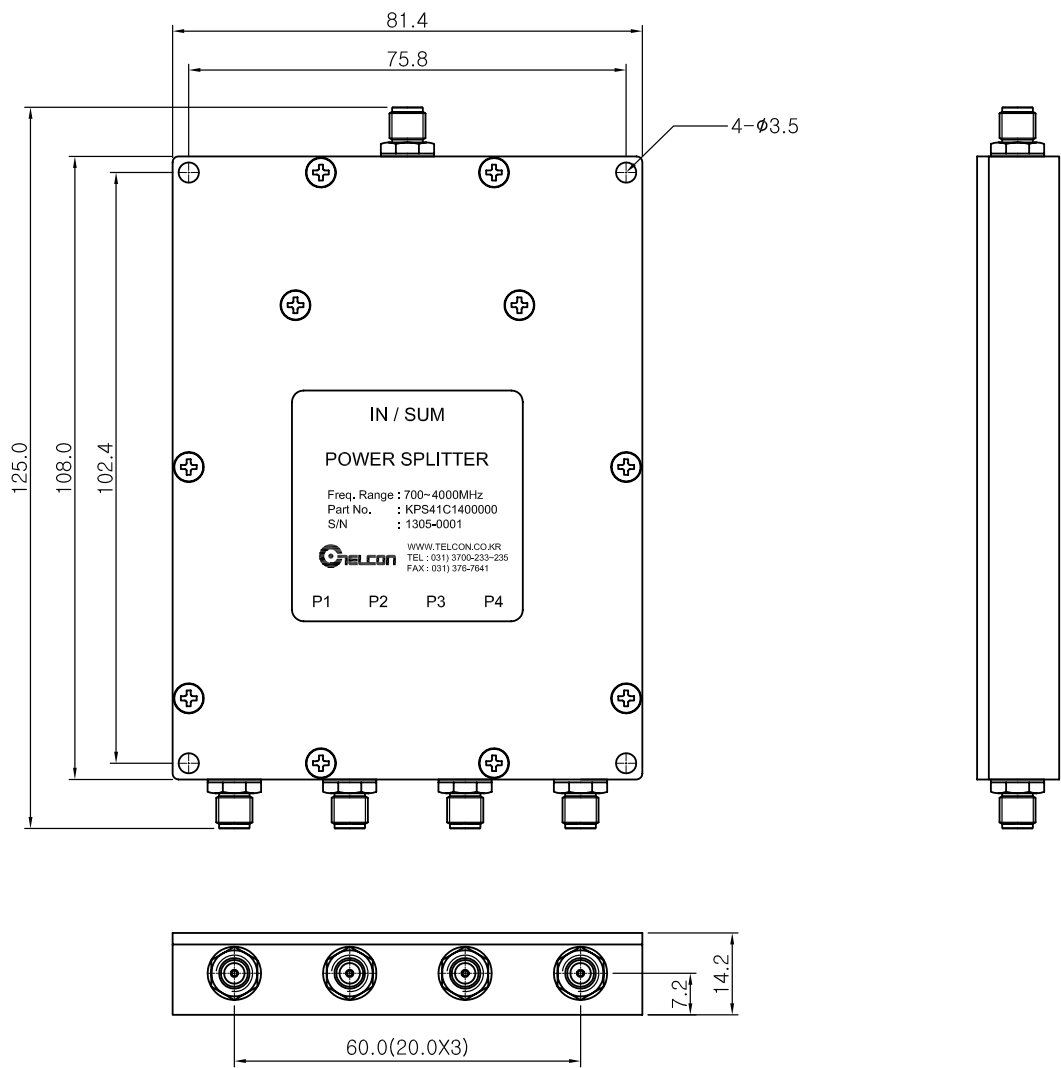
Part Number	KPS217 400000	비고
Frequency	700~2700(MHz)	
Impedance	50Ω	
V.S.W.R (Max.)	1.2 : 1	All Port
Insertion Loss (Max.)	3.5dB	
Isolation	20dB (Min.)	
Operating Temp.	-30℃~+60℃	



Power Dividers (Wilkinson)

Power Splitter (4Way, 700~4000MHz)

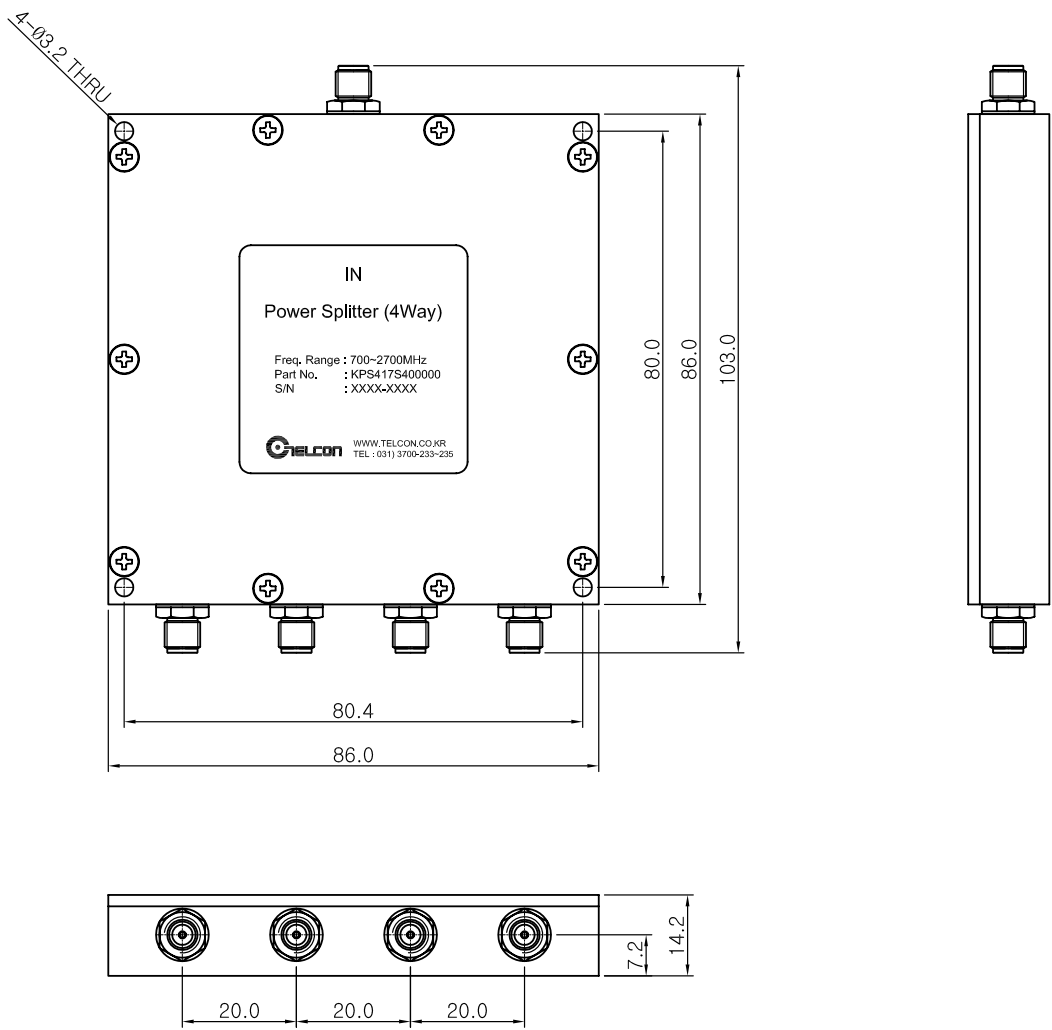
Part Number	KPS41C1400000
Frequency	700~4000(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.5 : 1
Insertion Loss (Max.)	7.0dB
Amplitude Unbalance	0.5dB (Max.)
Isolation	20dB (Min.)
Phase Unbalance	7° (Max.)
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

Power Splitter (4Way, 700~2700MHz)

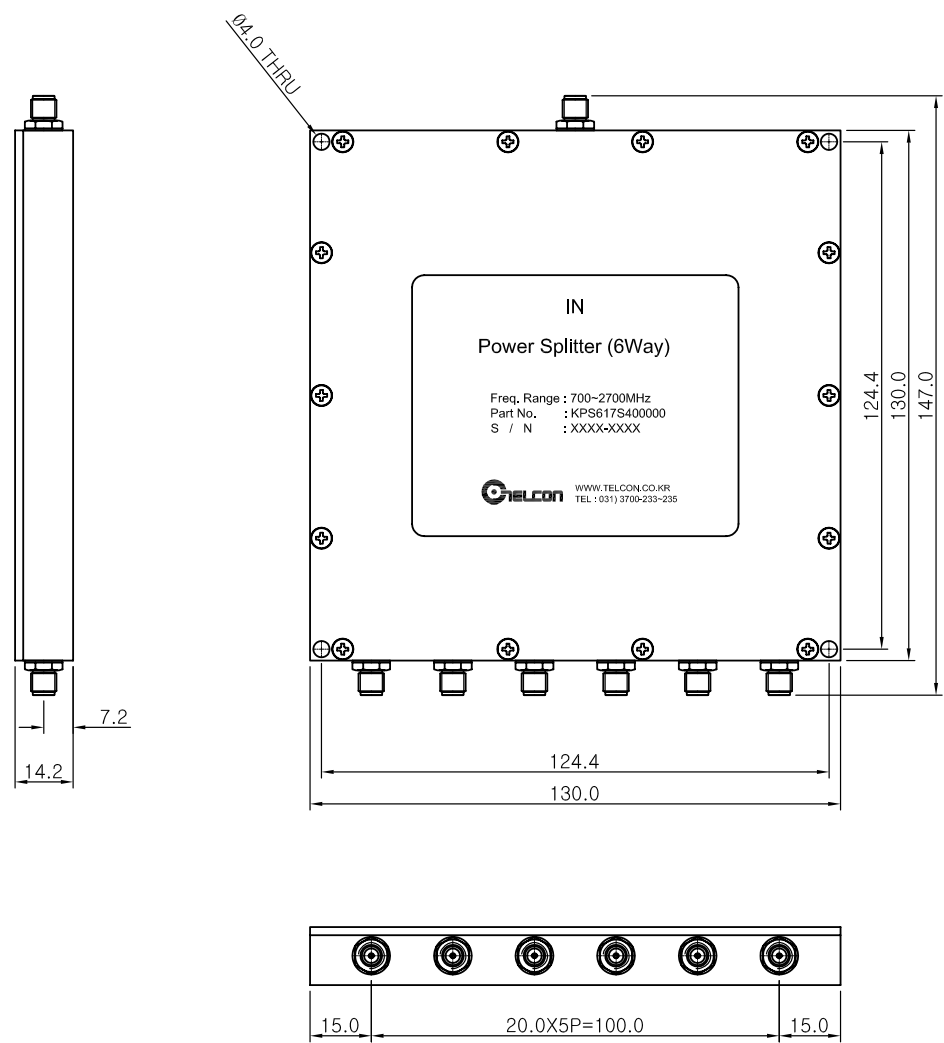
Part Number	KPS417S400000
Frequency	700~2700(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.25 : 1 Input
	1.2 : 1 Output
Insertion Loss (Max.)	7.0dB
Isolation	20dB (Min.)
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

Power Splitter (6Way, 700~2700MHz)

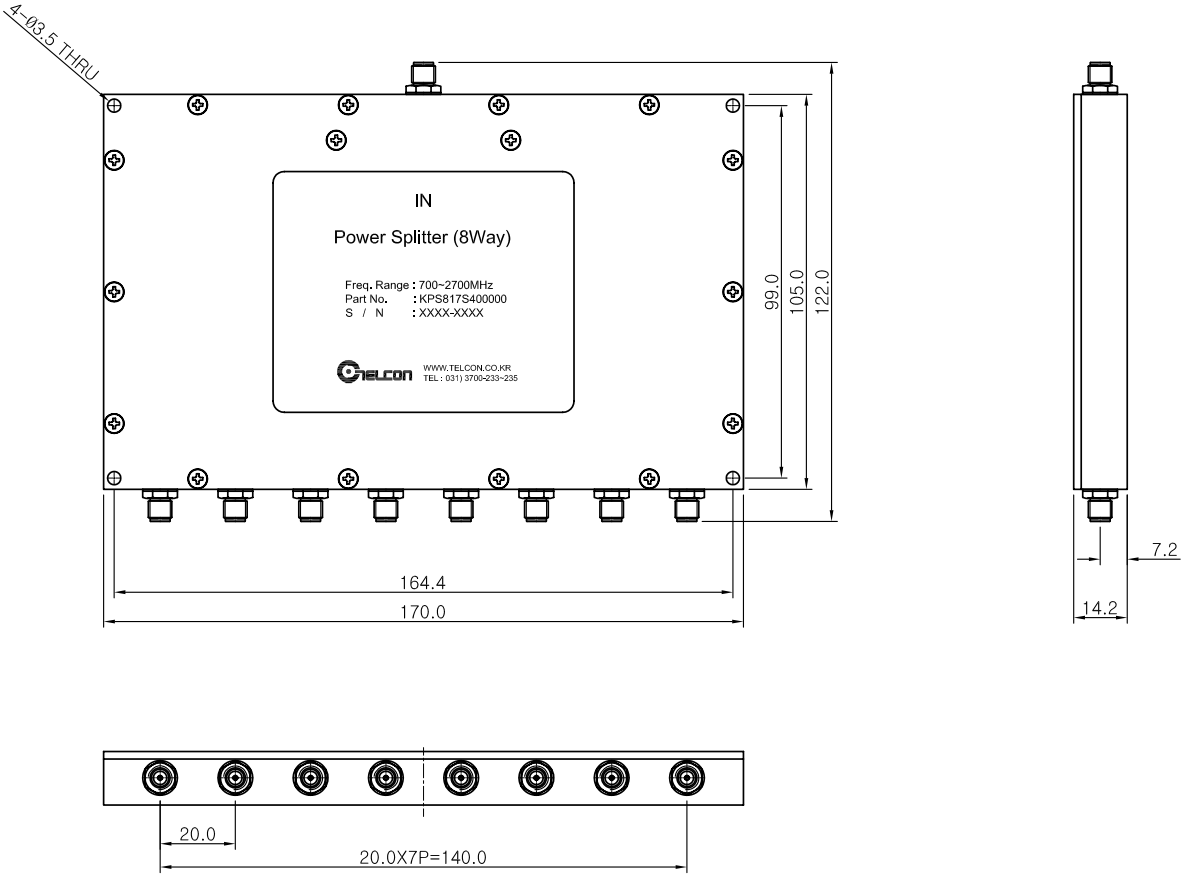
Part Number	KPS617S400000
Frequency	700~2700(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.3 : 1 Input
	1.2 : 1 Output
Insertion Loss (Max.)	9.3dB
Isolation	20dB (Min.)
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

Power Splitter (8Way, 700~2700MHz)

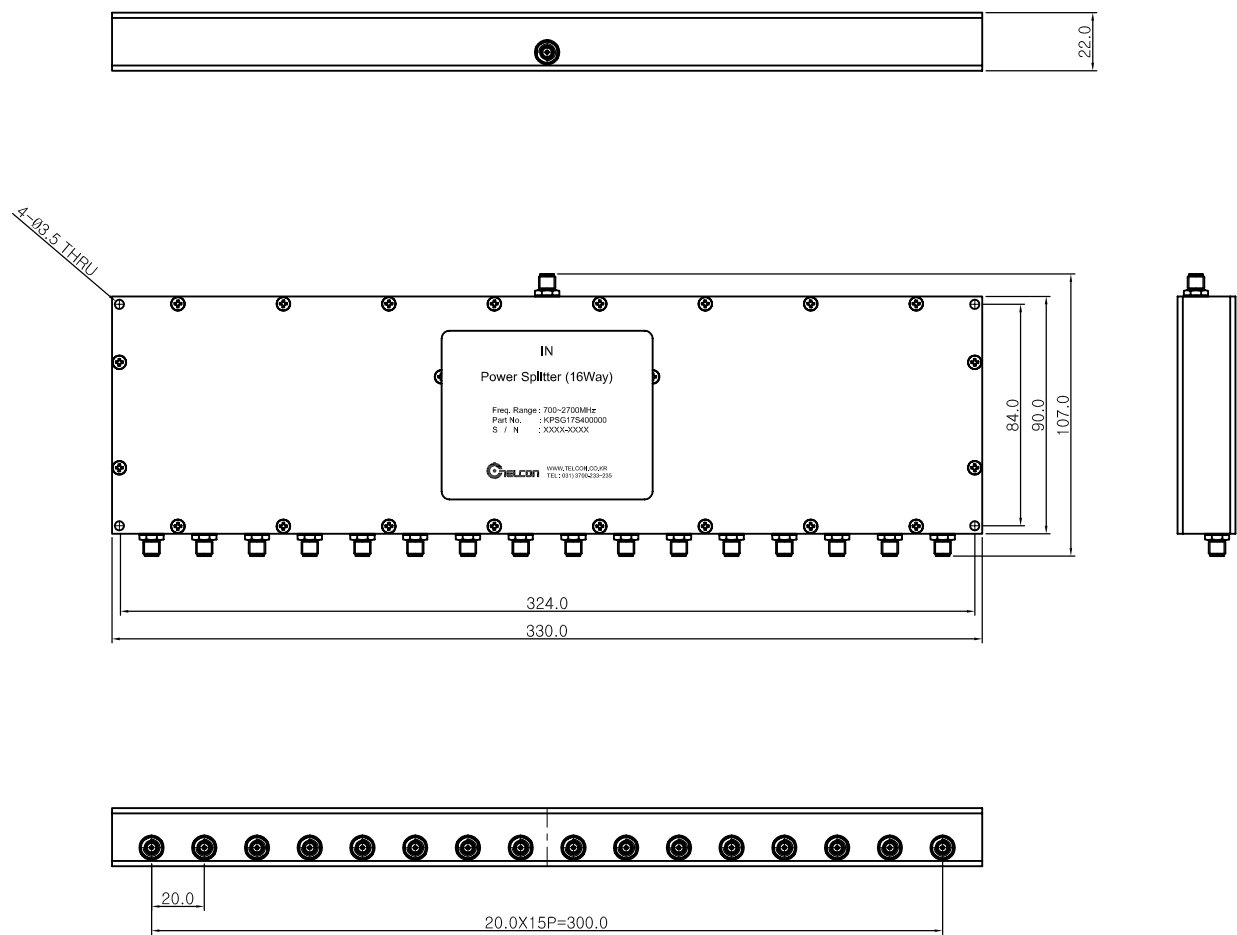
Part Number	KPS817S400000
Frequency	700~2700(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.3 : 1 Input
	1.2 : 1 Output
Insertion Loss (Max.)	11.0dB
Isolation	20dB (Min.)
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

Power Splitter (16Way, 700~2700MHz)

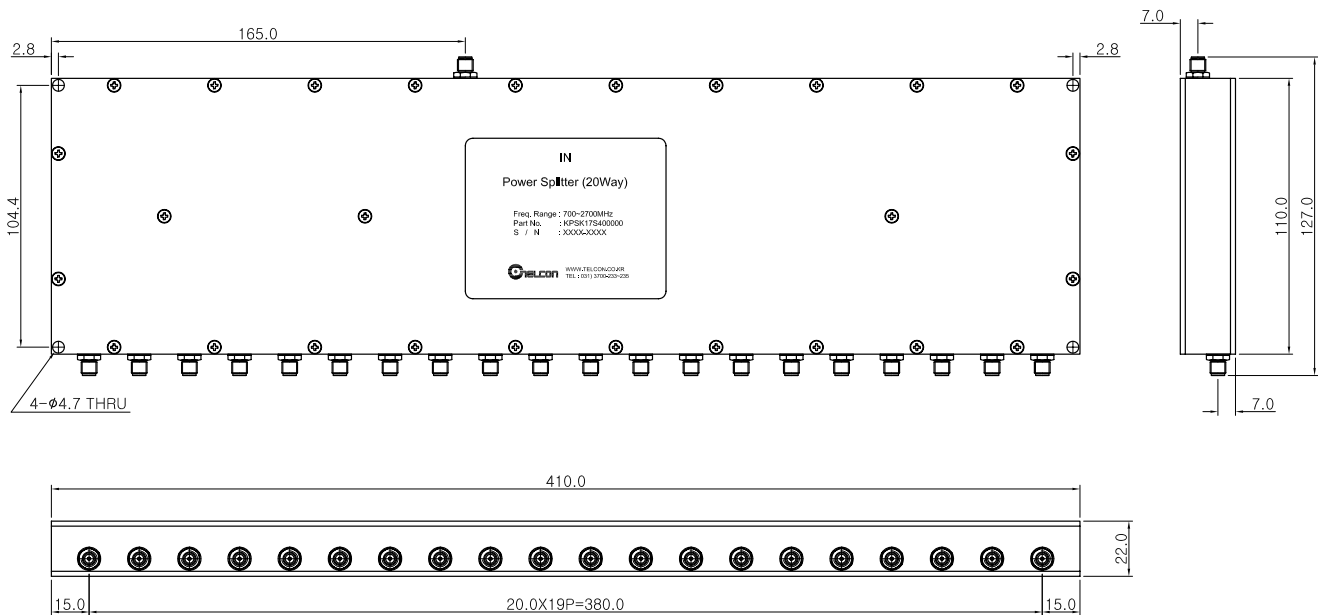
Part Number	KPSG17S400000
Frequency	700~2700(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.3 : 1 Input
	1.2 : 1 Output
Insertion Loss (Max.)	14.0dB
Isolation	20dB (Min.)
Operating Temp.	-30℃~+60℃



Power Dividers (Wilkinson)

Power Splitter (20Way, 700~2700MHz)

Part Number	KPSK17S400000
Frequency	700~2700(MHz)
Impedance	50Ω
V.S.W.R (Max.)	1.4 : 1 Input
	1.3 : 1 Output
Insertion Loss (Max.)	15.5dB
Isolation	20dB (Min.)
Operating Temp.	-30℃~+60℃



Dividers