



1.6/5.6 Series

1.6/5.6

1.6/5.6 series is supplied with three different plug types: snap-on coupling (for rapid connections), threaded coupling (for vibration environments), and slide-in coupling (for rack and panel systems). Particularly, the jack for all types is the same, and will mate with all three plug types. This connector can be operated up to 1GHz, and its impedance is controlled at 75 ohms for all types. 1.6/5.6 connectors are suitable for the standard ranges of flexible cables, and also available as a PCB mounted version.

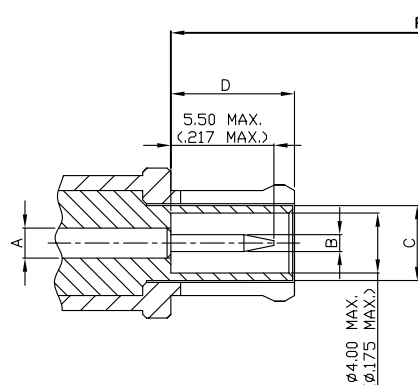
Applications:

*telecommunications *switching equipment and routers

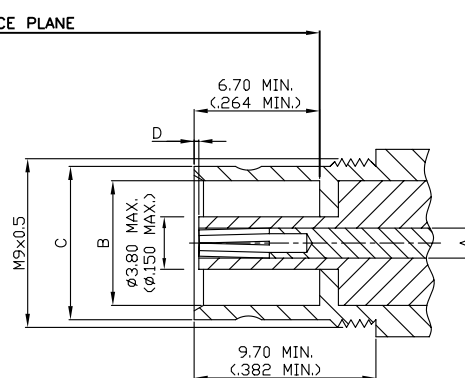
Interface dimensions conformable to the Standards:

International: IEC 169-13

1.6/5.6 Interface Dimensions:



PLUG



JACK

1.6/5.6 Series					
PLUG			JACK		
	Minimum	Maximum		Minimum	Maximum
A	1.60	nom.		1.60	nom.
B	1.00(.039)	1.06(.042)		5.60	nom.
C	5.60	nom.		8.10(.319)	8.25(.325)
D	6.40(.252)	6.60(.260)		0.25(.010)	0.75(.030)

*Millimeters(Inches)



Materials :

Connector part	Material	Finish
Bodies	Brass	Nickel or Gold
Center Contact	Male: Brass Female: Beryllium copper	Gold
Insulator	Teflon	N/A
Crimp ferrule	Annealed copper	Nickel or Gold

Electrical :

Electrical Data	Detail
Impedance	75 ohm
Frequency range	0~1GHz
Working voltage	335 Volts rms
Insulation resistance	1,000 megohms min.
Dielectric withstanding voltage	1,000 Volts rms min.
Contact resistance	Center contact: 4.0 milliohm Outer contact: 2.0 milliohm
VSWR: f(GHz)	Straight: 1.3 max. Right angle: 1.5 max.

Mechanical :

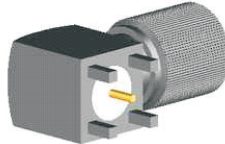
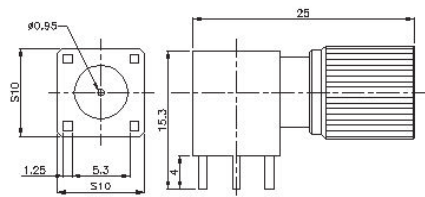
Mechanical Data	Detail
Contact retention	5.6 lbs min.
Connector durability	500 matings

Environmental :

Environmental Data	Detail
Corrosion (Salt spray)	MIL-STD-202 METHOD 101 CONDITION B
Thermal shock	MIL-STD-202 METHOD 107 CONDITION F
Vibration	MIL-STD-202 METHOD 204 CONDITION B
Mechanical shock	MIL-STD-202 METHOD 213 CONDITION B
Temperature range	-65°C to 165°C

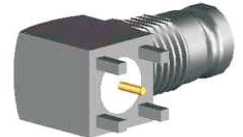
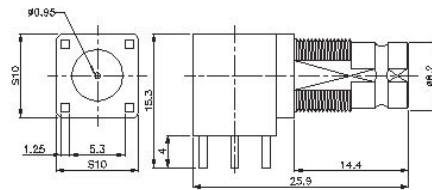


1.6/5.6 ANGLE PLUG FOR PCB MOUNT



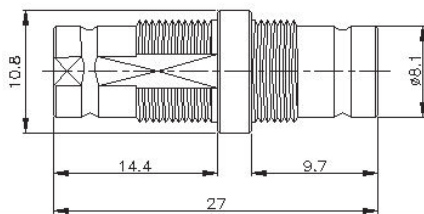
PART NUMBER:
1656-105-TGN

1.6/5.6 ANGLE PLUG FOR PCB MOUNT



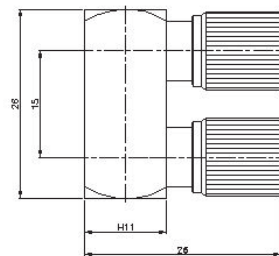
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1656-104-TGN

1.6/5.6 JACK BULKHEAD - JACK ADAPTOR



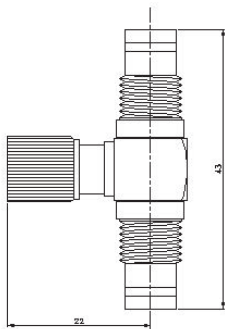
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1656-110-TGN

1.6/5.6 U LINK CONNECTOR



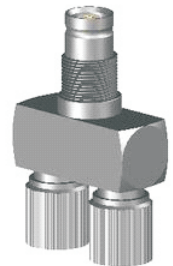
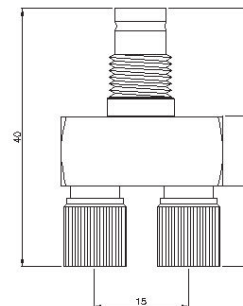
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1656-115-TGN

1.6/5.6 JACK - PLUG - JACK ADAPTOR



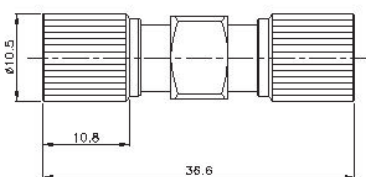
PART NUMBER:
1656-114-TGN

1.6/5.6 PLUG - JACK - PLUG ADAPTOR



PART NUMBER:
1656-117-TGN

1.6/5.6 PLUG - PLUG ADAPTOR



PART NUMBER:
1656-116-TGN

1.6/5.6