



FME Series

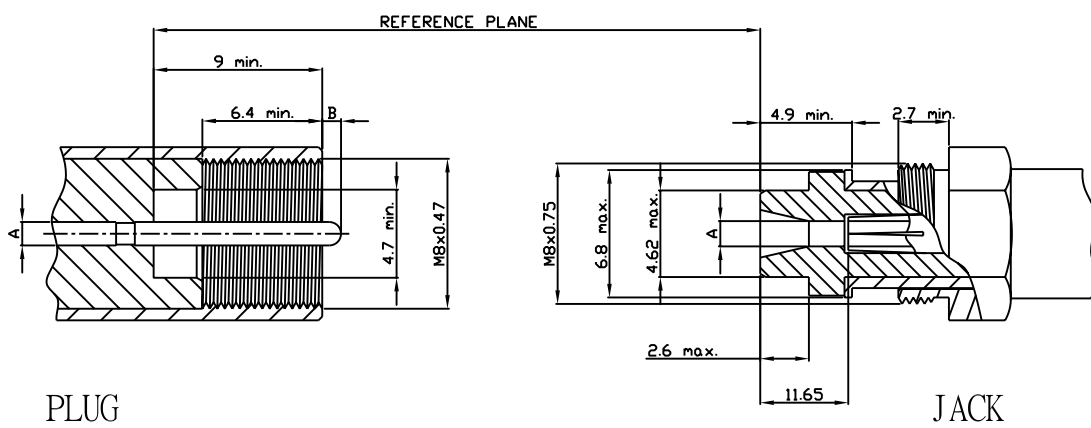
FME

FME series is a miniature screw coupling coaxial connector essentially developed for mobile applications in vehicles. The impedance of the FME connector is controlled at 50 ohms, and its working frequency is up to 2GHz. The FME is suitable for the standard ranges of flexible cables.

Applications:

*mobile communication *antenna products

FME Interface Dimensions:



FME Series					
PLUG			JACK		
	Minimum	Maximum		Minimum	Maximum
A	3.04 nom.			3.04 nom	
B	0.00<.000>	1.00<.040>		4.75<.187>	5.26<.207>
				9.04<.356>	9.19<.362>

*Millimeters(Inches)



Materials :

Connector part	Material	Finish
Bodies	Brass	Nickel or Gold
Center Contact	Male: Brass Female: Brass, Phosphor Bronze, or Beryllium Copper	Gold
Insulator	Delrin or Teflon	N/A
Crimp ferrule	Annealed Copper	Nickel or Gold

Electrical :

Electrical Data	Detail
Impedance	50 ohm
Frequency range	0-2GHz
Working voltage	500 volts rms max.
Insulation resistance	5,000 megohms min.
Dielectric withstanding voltage	1,500 volts rms min.
Contact resistance	Center contact: 1.0 Milliohms Outer contact: 0.5 Milliohms
VSWR: f(GHz)	Straight: 1.2 max. Right angle: 1.3 max.
Insertion loss	0.2 dB max. at 1.8GHz

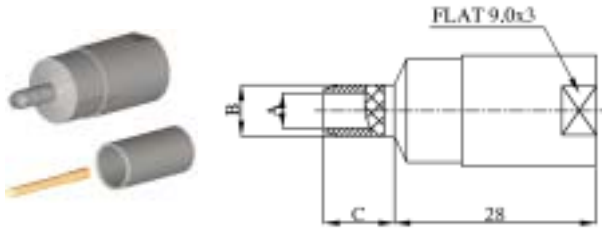
Mechanical :

Mechanical Data	Detail
Engagement force	1.8 inch-pound max.
Disengagement force	3 lbs max. Axial force
Connector durability	500 cycles min.
Cable retention force	RG58, 141, 142, 223/U → 40 lbs min. RG174, 188, 316/U → 20 lbs min.

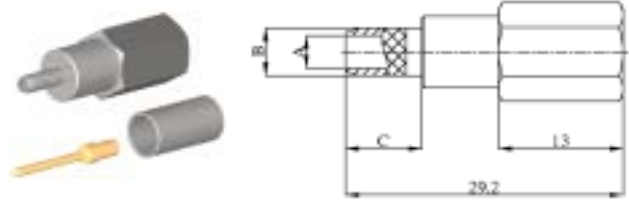
Environmental :

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

FME STRAIGHT PLUG CRIMP FOR FLEXIBLE CABLE TYPE

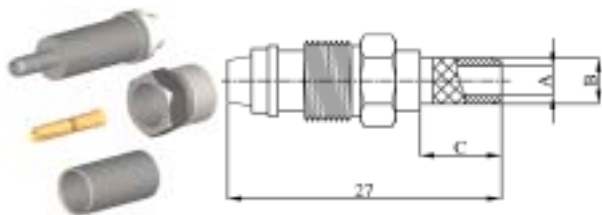


PART NUMBER	A	B	C	CABLE TYPE(RG/U)
FME-04F-TGN	3.2	4.5	7.0	58 , 58A , 141A
FME-04LV1-TGN	1.7	2.6	5.0	174 , 188A , 316



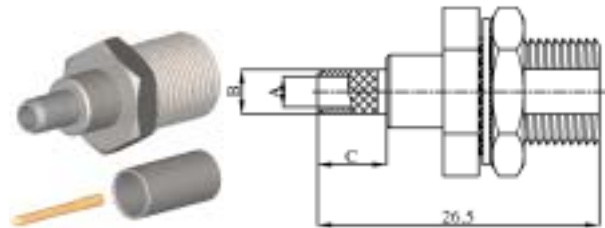
PART NUMBER	A	B	C	CABLE TYPE(RG/U)
FME-06F-TGN	3.2	4.5	7.0	58 , 58A , 141A
FME-06LV1-TGN	1.7	2.6	5.0	174 , 188A , 316

FME STRAIGHT JACK CRIMP FOR CABLE TYPE



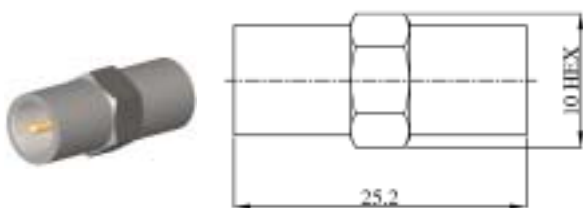
PART NUMBER	A	B	C	CABLE TYPE(RG/U)
FME-05F-TGN	3.2	4.5	7.0	58 , 58A , 141A
FME-05LV1-TGN	2.3	3.7	8.0	174 , 188A , 316

FME STRAIGHT PLUG BULKHEAD FOR CABLE TYPE



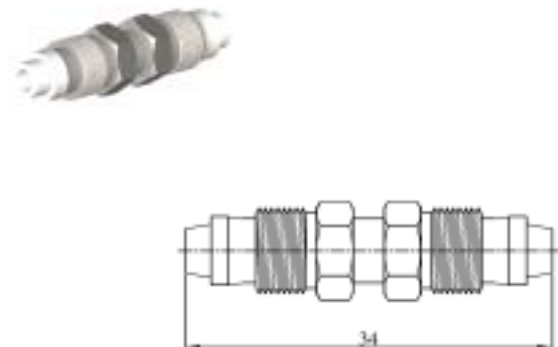
PART NUMBER	A	B	C	CABLE TYPE(RG/U)
FME-31F-TGN	3.2	4.5	7.0	58 , 58A , 141A
FME-31LV1-TGN	1.7	2.6	5.0	174 , 188A , 316

FME STRAIGHT PLUG-PLUG ADAPTOR



PART NUMBER	FME-07-DGN
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FME STRAIGHT JACK-JACK ADAPTOR

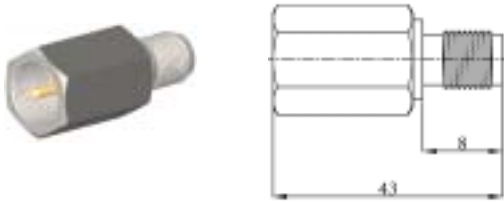


PART NUMBER	FME-30-DGN
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TGN : TEFLON INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY
 TGG : TEFLON INSULATION + GOLD PLATED CONTACT + GOLD PLATED BODY
 DGN : DELRIN INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY

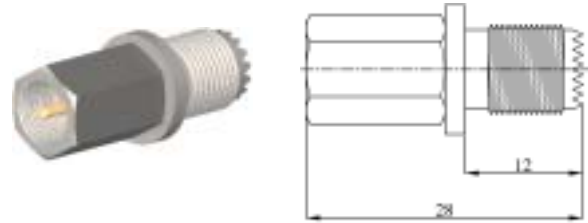


FME PLUG-SMA JACK ADAPTOR



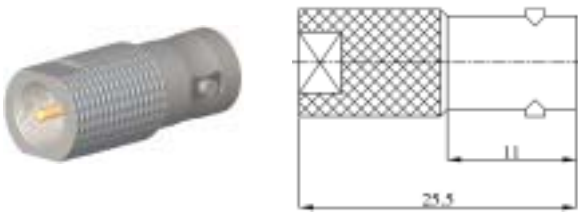
PART NUMBER | FME-08-TGN

FME PLUG-MINI UHF JACK ADAPTOR



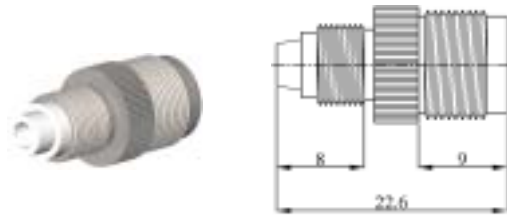
PART NUMBER | FME-09-DGN

FME PLUG-BNC JACK ADAPTOR



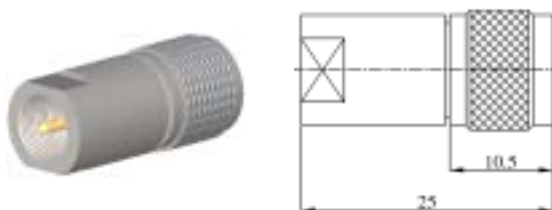
PART NUMBER | FME-10-DGN

FME JACK-TNC JACK ADAPTOR



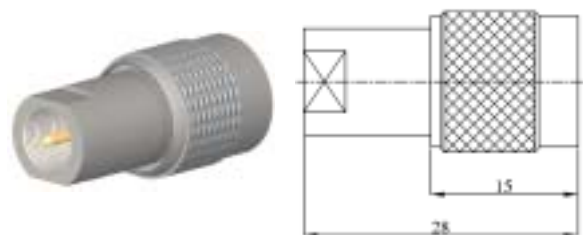
PART NUMBER | FME-26-DGN

FME PLUG-MINI UHF PLUG ADAPTOR



PART NUMBER | FME-12-DGN

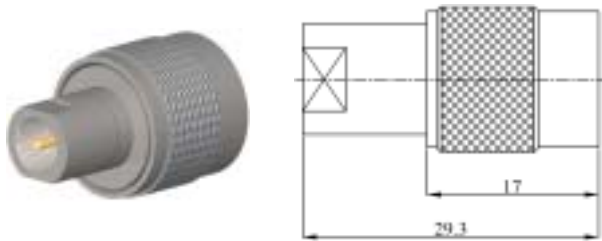
FME PLUG-TNC PLUG ADAPTOR



PART NUMBER | FME-13-DGN

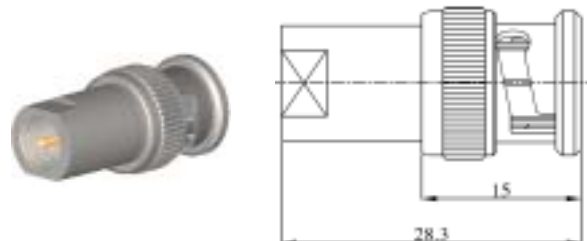
TGN : IEFロン INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY
 TGG : IEFロン INSULATION + GOLD PLATED CONTACT + GOLD PLATED BODY
 DGN : DELRIN INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY

FME PLUG-N PLUG ADAPTOR



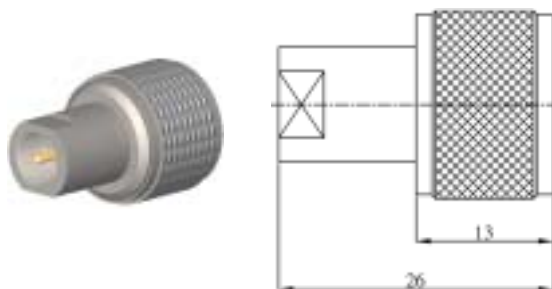
PART NUMBER	FME-14-TGN
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FME PLUG-BNC PLUG ADAPTOR



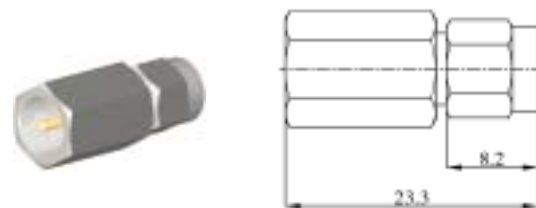
PART NUMBER	FME-15-DGN
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FME PLUG-UHF PLUG ADAPTOR



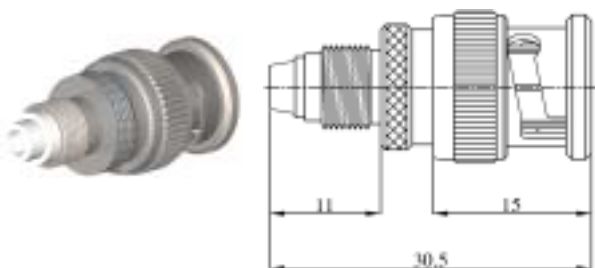
PART NUMBER	FME-16-DGN
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FME PLUG-SMA PLUG ADAPTOR



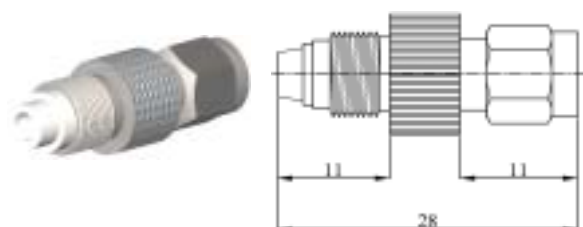
PART NUMBER	FME-17-TGN
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FME JACK-BNC PLUG ADAPTOR



PART NUMBER	FME-18-DGN
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FME JACK-SMA PLUG ADAPTOR

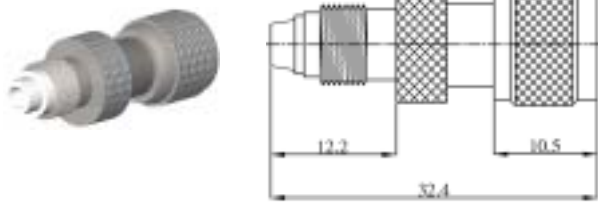


PART NUMBER	FME-19-TGN
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TGN : TEFLON INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY
 TGG : TEFLON INSULATION + GOLD PLATED CONTACT + GOLD PLATED BODY
 DGN : DELRIN INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY

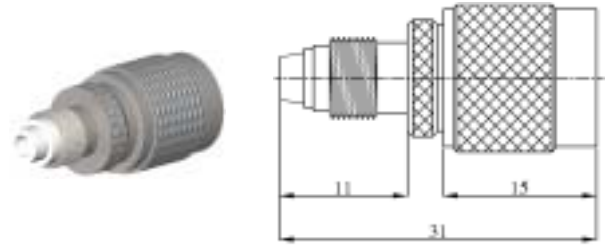


FME JACK-MINI UHF PLUG ADAPTOR



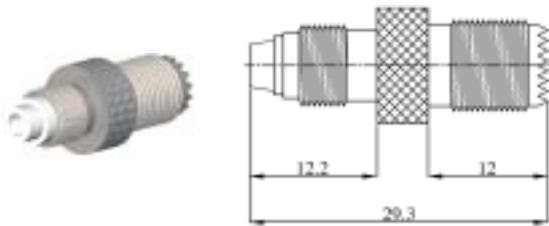
PART NUMBER | FME-20-DGN

FME JACK-TNC PLUG ADAPTOR



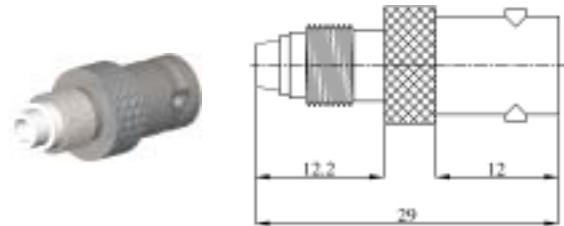
PART NUMBER | FME-21-DGN

FME JACK-MINI UHF JACK ADAPTOR



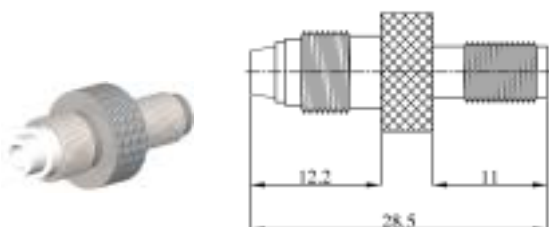
PART NUMBER | FME-22-DGN

FME JACK-BNC JACK ADAPTOR



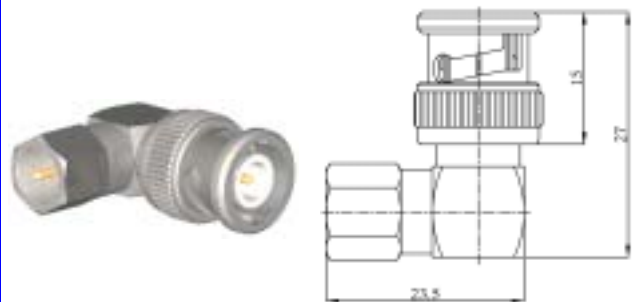
PART NUMBER | FME-23-DGN

FME JACK-SMA JACK ADAPTOR



PART NUMBER | FME-24-TGN

RIGHT ANGLE FME PLUG-BNC PLUG ADAPTOR

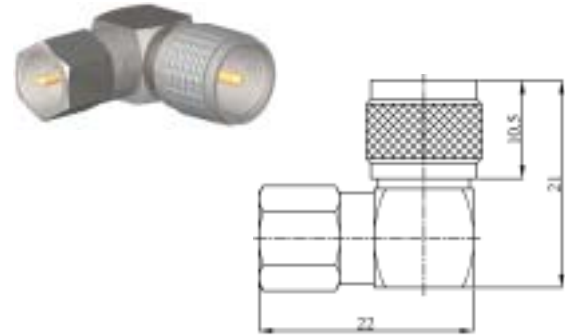
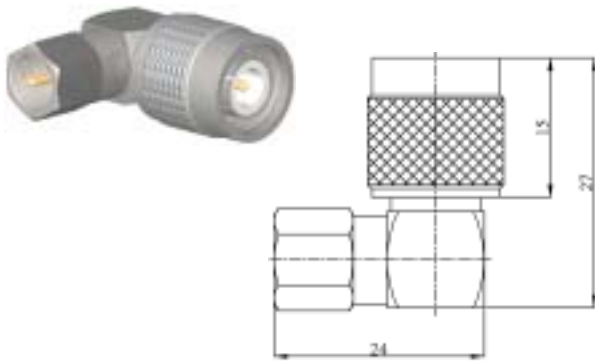


PART NUMBER | FME-25-DGN

TGN : TEFLON INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY
 TGG : TEFLON INSULATION + GOLD PLATED CONTACT + GOLD PLATED BODY
 DGN : DELRIN INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY

RIGHT ANGLE FME PLUG-TNC PLUG ADAPTOR

RIGHT ANGLE FME PLUG-MINI UHF PLUG ADAPTOR



PART NUMBER	FME-28-TGN
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PART NUMBER	FME-29-DGN
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TGN : IEFOLON INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY
 TGG : IEFOLON INSULATION + GOLD PLATED CONTACT + GOLD PLATED BODY
 DGN : DELRIN INSULATION + GOLD PLATED CONTACT + NICKEL PLATED BODY