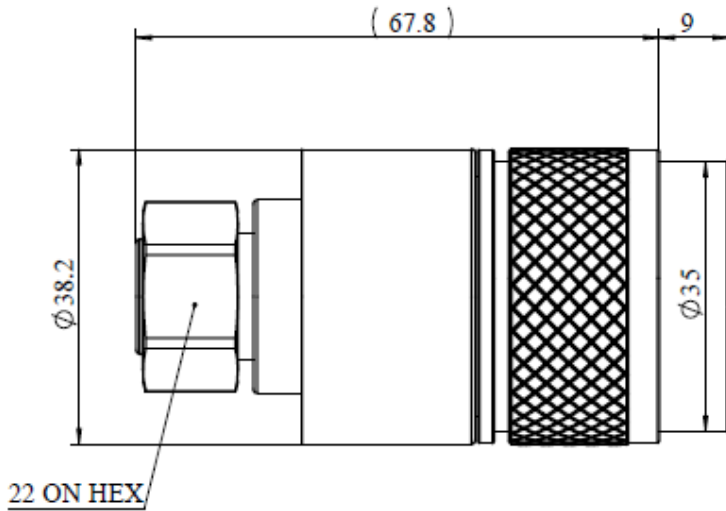


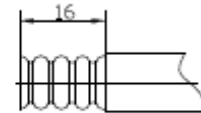
**Specification**

Product Description	4.3/10 Male Compression Connector for 7/8" Annular Cable	Date:2023.08.09
Part NO.	AFDF127-1	Ver. 3

UNIT: mm



[Installation instructions](#)



RECOMMENDED CABLE STRIPPING DIM'S



**Reference Standard**

**IEC60169-54**

**Electrical Performance**

Nominal Impedance (Ω)	50
Frequency Range	DC~6GHz
VSWR	≤1.10(0-3GHZ) ≤1.20(3-6GHZ)
PIM (dBc)	≤-160(2*43dBm)
Insertion Loss	≤0.05 √ F(GHz)
Insulation Resistance(MΩ/500VDC)	≥5000
Proof Voltage (V/AC)	≥2500
Contact Resistance (mΩ)	≤1.0 (Inner Conductor) ≤1.0 (Outer Conductor)

Mechanical Performance	
Interface Durability	500 Cycles
Retention	≥4N (Outer Conductor) ≥1.5N (Inner Conductor)
Mating Cycles	100
Tensile Force (Cable-Connector)	500 N
Torsion (Cable-Connector)	5 N.m
Nut Torque	5 N.m
(Nut) Whorl Pull	500 N

Material and Plating		
Connector Parts	Material	Plating
Inner Conductor	Brass	Ag 3μm
Outer Conductor	Brass	Copper-tin-zinc 3μm
Nut	SUS304	Chemical Polishing
Insulator	TPX	
O-Ring	Silicone Rubber	

Environment	
Temperature Range	-40°C~+85°C
Weather Standard	IEC60068 40/ 085/ 21
Thermal Shock	IEC60068-2-14-Na
Vibration	IEC60068-2-6-Fc
Shock	IEC60068-2-27
Waterproofing Standard	IP68
RoHS	Compliant(EU and China)

Assembly			
Inner conductor Installed and outer conductor Compressed.			
Cable Supported	Cable Type Supported	Cable Supported	Cable Type Supported
Amphenol	AFY-50-78RLL	Commscope	LDF5-50A
Draka	RF7/8"-50		VXL5-50
Eupen	EC5-50A		AL5-50
RFS	LCF78-50JA	LS/Superior Essex	AVA5-50,AVA5RK-50FX,AVA5P-50-C
	LCF78-50JL		LHF 22D
	UCF78		LHF-22DU
Leoni Flexline	7/8"R		

NOTE: The technical specification contains proprietary information and such information may not be disclosed to others for any particular purpose or used for manufacturing purposes without written permission from Amphenol Fuyang.