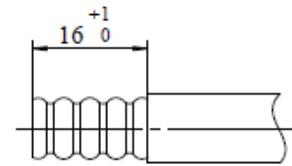
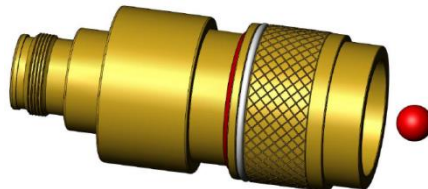


Specification

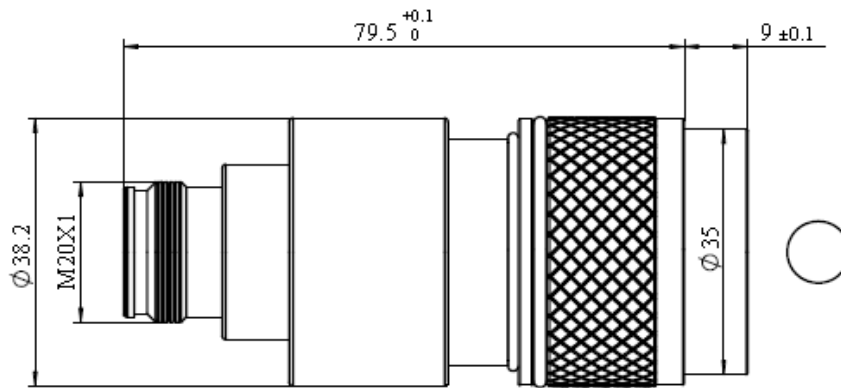
Product Description	4.3/10 Female Compression Connector for 7/8" Annular Cable	Date: 2023.08.09
Part NO.	AFDF120-1	Ver. 2

UNIT: mm

Installation instructions



RECOMMENDED
CABLE STRIPPING DIM'S



Reference Standard

IEC61169-54

Electrical Performance

Nominal Impedance (Ω)	50
Frequency Range	DC~6GHz
VSWR	≤1.10(0-3GHZ) ≤1.25(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	Spring copper	Ag 3μm
Outer Conductor	Brass	Copper-tin-zinc 3μm
Insulator	PTFE/TPX	
O-Ring	Silicone Rubber	

Environment	
Temperature Range	-40℃~+85℃
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.