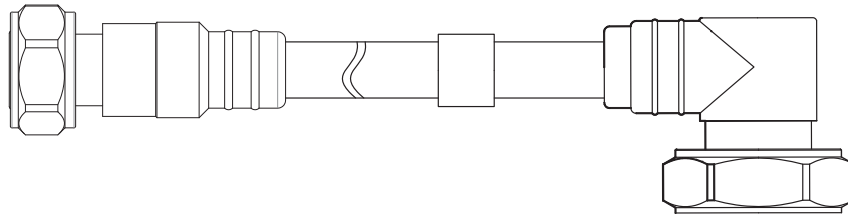


## AAS-38HF-43SMDMR-xM

4.3/10 Male Screw to 7/16-DIN Male Right Angle, 3/8" Superflexible Cable



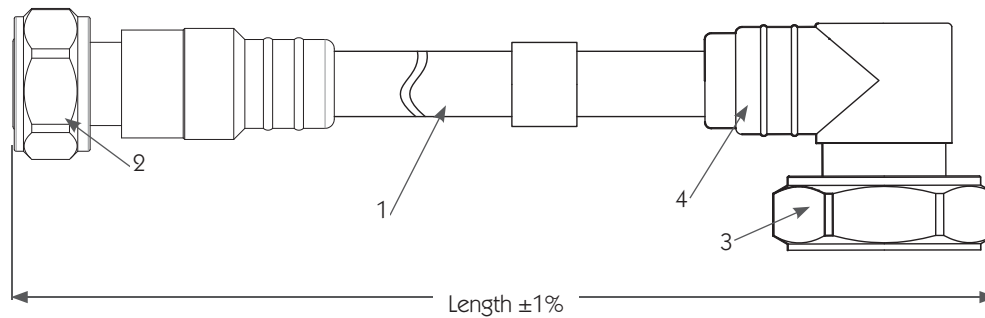
Ordering Options		
When ordering, replace the "x" in the model number with the desired length of cable from options listed below. Example: AAS-38HF-43SMDMR-3.5M		
Available lengths* (meters)	(x) 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 5.0, 8.0	
*Other lengths available by request.		
Electrical Characteristics		
Frequency Range	DC-3.8 GHz	
Impedance	50Ω	
VSWR	≤ 1.12	
Insulation Resistance	≥ 5000 MΩ	
Proof Voltage	1000 V	
Screen Efficiency	≥ 110 dB	
Intermodulation (3rd Order, 2x43 dBm)	≤ -160dBc	
Insertion Loss (2.2 GHz)	≤ 0.217L+0.2 dB	
Power Rating (2 GHz)	300 W	
Environmental Characteristics		
Operating & Storage Temperature Range	-40° to +85° C (-40° to +185° F)	
Thermal Shock Test Method	IEC60068-2-14-Na	
Vibration Test Method	IEC60068-2-6-Fc	
Mechanical Shock Test Method	IEC60068-2-27	
Weather Standard	IEC 68 40 / 85 / 21	
Waterproofing Standard	IP68	
RoHS Compliant	Yes	
Mechanical Characteristics		
Interface Durability Method	4.3/10 Connector	IEC61169-54
	7/16-DIN Connector	IEC61169-4
Coupling Nut Proof Torque	4.3/10 Connector	5 Nm
	7/16-DIN Connector	25 Nm
Torsion (cable connect)	3 Nm	
Tensile Force (cable connect)	300 N	
Number of Bends (minimum)	15	
Minimum Bend Radius (repeated bend)	25 mm	

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

## AAS-38HF-43SMDMR-xM

### 4.3/10 Male Screw to 7/16-DIN Male Right Angle, 3/8" Superflexible Cable

Material Characteristics		
Inner Conductor	4.3/10 Connector	Spring Copper (Ag 5µm)
	7/16-DIN Connector	Brass (Ag 5µm)
Outer Conductor	4.3/10 Connector	Brass (Copper-tin-zinc 2 µm)
	7/16-DIN Connector	Brass (Copper-tin-zinc 2 µm)
Molding		Adopt Over-Molding
Interface, Connectors, Body Style		1 Connectors / 4.3/10 Male, Straight, Screw
		1 Connectors / 7/16-DIN Male, Right Angle
Product Structure		
Item 1	Cable	3/8" Superflexible Cable
Item 2	Connector	4.3/10 Male Screw for 3/8" Superflexible Coaxial Cable
Item 3	Connector	7/16-DIN Male Right Angle for 3/8" Superflexible Coaxial Cable
Item 4	Molding	Over-Molding



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