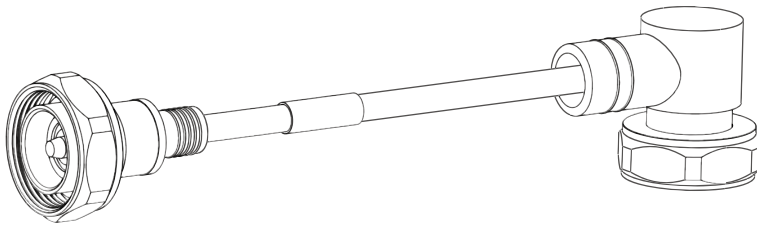


## AAS-14HFFRD02-DMDMR-xM

7/16-DIN Male to 7/16-DIN Male Right Angle | 1/4" Superflexible Cable | Low Smoke Zero Halogen | Fire Resistant



This model is available in the iBwave In-Building Network Components Database - [www.ibwavecomponents.com](http://www.ibwavecomponents.com)

### Ordering Options

When ordering, replace the "x" in the model number with the desired length of cable from options listed below. Example: AAS-14HFFRD02-DMDMR-4.5M

Available lengths (meters)	(x) 1.0, 1.5, 2.0, 3.0, 4.5, 6.0, 7.5
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### Electrical Characteristics

Frequency Range	DC-3 GHz							
Impedance	50Ω							
Return Loss (min)	680-960 MHz	-24.30 dB						
	1710-2200 MHz	-24.30 dB						
	2300-2700 MHz	-23.13 dB						
IM3 (2x43 dBm)	at 1800 MHz	-160 dBc (min)						
Insertion Loss (max)	Length	1.0 m	1.5 m	2.0 m	3.0 m	4.5 m	6.0 m	7.5 m
	at 2700 MHz	0.42 dB	0.58 dB	0.74 dB	1.06 dB	1.55 dB	2.03 dB	2.51 dB

### Environmental Characteristics

Operating & Storage Temperature Range	-40° C to +85° C (-40° F to +185° F)							
Waterproofing Standard	IP68							
Weather Standard	IEC 68 40/85/21							
Mechanical Shock Test Method	US MIL-STD-202, Method 213, Test Condition I							
Thermal Shock Test Method	US MIL-STD-202, Method 107, Test Condition B							
Vibration Test Method	US MIL-STD-202, Method 204, Test Condition B							
RoHS Compliant	Yes							

### Mechanical Characteristics

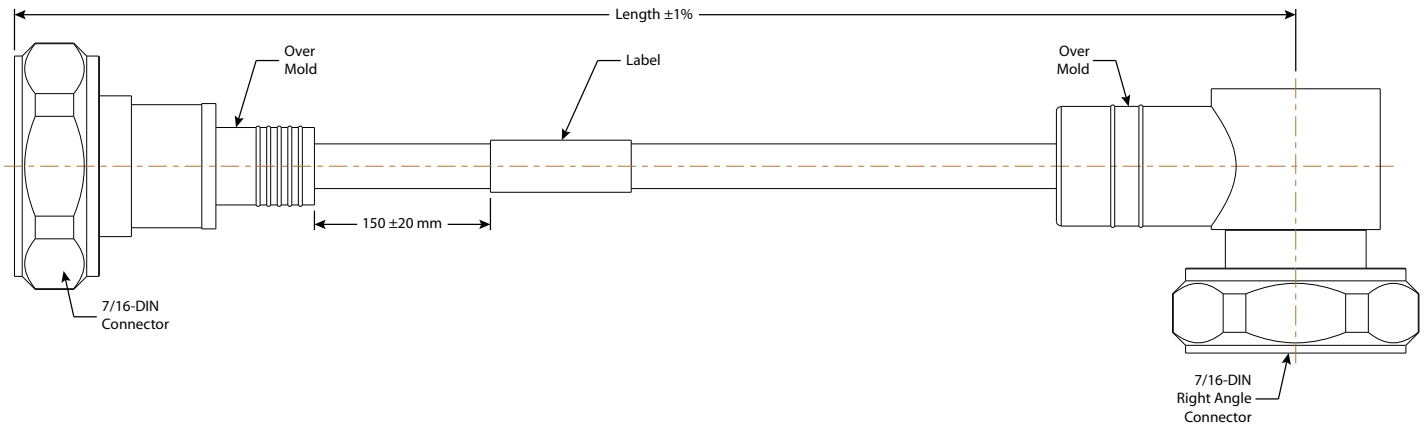
Interface Durability (min)	500 Cycles							
Interface Durability Method	IEC169-4							
Coupling Nut Proof Torque	25.0 Nm							
Coupling Nut Retention Force (max)	500N							

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-14HFFRD02-DMDMR-xM

7/16-DIN Male to 7/16-DIN Male Right Angle | 1/4" Superflexible Cable | Low Smoke Zero Halogen | Fire Resistant

Material Characteristics		
Connector	7/16-DIN, Straight	Brass, White Bronze Plating
	7/16-DIN, Right Angle	Brass, White Bronze Plating
Cable	1/4" Superflexible Coaxial Cable, Fire Resistant (FR), LSZH	



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