

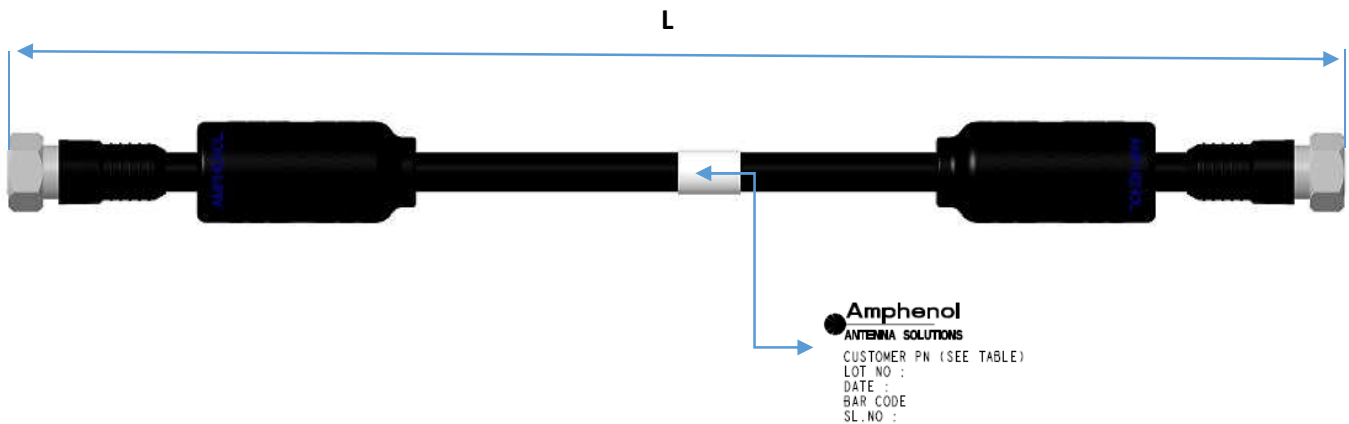
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Product Technical Datasheet

AAS-12HF-WP11-43SMSM-XXXm

Description:

1/2" Superflex Jumper PE 4.3/10 Male Straight to 4.3/10 Male Straight with Waterproof Boot at both ends



General Specifications:

Cable	:	1/2" Superflex PE Jacket
Interface Connector A	:	4.3/10 Male Straight Connector
Interface Connector B	:	4.3/10 Male Straight Connector
Strain Relief Protection	:	Over Molding
Waterproofing Boot	:	Pre-Assembled Boot with jumper
Length	:	See Table

Electrical Specifications:

Impedance	:	50 Ohms
Operating Frequency	:	DC – 3 Ghz
Return Loss	:	-26 dB @ Upto 2.2 Ghz -24 dB@ 2.2 Ghz ~ 2.7 Ghz
Work Voltage	:	1000 V
Insertion Loss	:	As per table
Intermodulation (3rd Order)	:	≤ -162 dBc

Mechanical data:

Nut Torque (4.3/10)	:	5 Nm
Tensile Force	:	500 Nm
Torsion Cable-Connector	:	4 Nm
Minimum Bending Radius	:	25 mm
Durability	:	4.3/10 (100 Cycles)

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Environmental:

Temp Range	:	-40° C to +85° C
Thermal Shock	:	US MIL-STD 202, Meth 107, COND B
Vibration	:	US MIL-STD 202, Meth 204, COND B
Shock	:	US MIL-STD 202, Meth 213, COND I
Weather Standard	:	IEC 68 40/85/21
IP Protection	:	IP 68 (Mated Condition)
RoHs Complaint	:	Yes

Waterproof Rubber Boot Standards:

Material	:	Silicon Rubber
Durability	:	100 Cycles
Hardness	:	Shore A-65 ± 5
Operating Temp	:	-40° C to +85° C
Waterproofing Standard	:	IP68
UV Test	:	IEC 60068-2-5 Procedure B / 520 Hours
Ozone Resistance	:	ASTM D1149
Appearance	:	Black

Model Number	Cable Length	Insertion Loss ≤ (dB) at 2.7 Ghz
AAS12HFWP1143SMSM005	0.5 Meter Cable Length	0.25
AAS12HFWP1143SMSM010	1.0 Meter Cable Length	0.36
AAS12HFWP1143SMSM015	1.5 Meter Cable Length	0.46
AAS12HFWP1143SMSM020	2.0 Meter Cable Length	0.56
AAS12HFWP1143SMSM030	3.0 Meter Cable Length	0.77
AAS12HFWP1143SMSM040	4.0 Meter Cable Length	0.97
AAS12HFWP1143SMSM050	5.0 Meter Cable Length	1.18
AAS12HFWP1143SMSM060	6.0 Meter Cable Length	1.38
AAS12HFWP1143SMSM010	10.0 Meter Cable Length	2.20

Note:

When ordering, replace the “xxx” in the model number with the length of cable in meters.