CAB-119

LMR195 - FR IS A NON-HALOGEN (NON-TOXIC), LOW SMOKE, FIRE RETARDANT CABLE
5 x 3m Extension cables for 5-in-1 Antennas
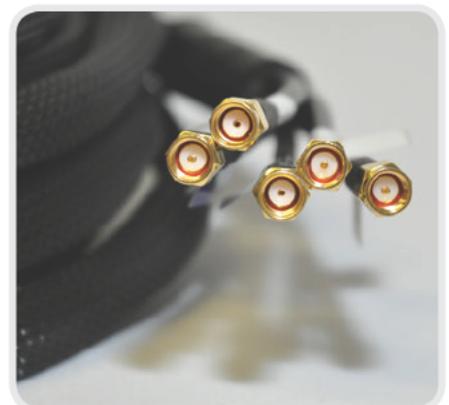
-20°C to +70°C   UL:1581

Product Overview

Extension cables designed for vehicle intergration on mobility antennas. This product is flame retardent and therefore safe for use in transportation applications such as busses, trains, trams and other motor vehicles.

Application areas

To be used with mobility antenna on:

- Bus
- Truck
- Train
- Tram
- Motor vehicles
- M2M applications

Regulatory Compliance: RoHS 2011/65/EU Compliant | ISO 9001:2008
Document version: TS-A-CAB-119
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Electrical Specifications

Capacitance:	83.3pF/m
Conductor:	Bare Copper Wire
Shield Coverage:	88%
Minimum Bend Radius:	12.7mm
Input Impedance	50 Ohm (nominal)
Cable loss:	0.25dB/m @ 450 MHz
	0.35dB/m @900 MHz
	0.53dB/m @ 2000 MHz
	0.6dB/m @2500 MHz

Mechanical Specifications

Product Dimensions (L x W x D):	3m x 4.95mm
	(Approx. 5mm diameter)
Packaged Dimensions:	300mm x 380mm
Weight:	0.7669 kg
Packaged Weight:	0.7672 kg
Conductor diameter:	0.95mm
Dielectric diameter:	2.84mm
Inner conductor diameter:	2.96mm
Outer conductor diameter:	3.54mm
Jacket diameter:	4.95mm

Environmental Specifications

Temperature Range (Operating):	- 20° to + 70°Environmental
Conditions:	Outdoor/Indoor
Operating Relative Humidity:	Up to 98%
Storage Humidity:	5% to 95% - non condensing
Storage Temperature:	-- 20° to + 70°

Product Box Contents

Product:	A-CAB-119
Cable Length:	5 x 3m
Cable Type:	LMR195-FR
Connector:	5 x SMA (f), 3 x SMA(m) and 2 x RPSMA (m)

Cable Label	Connector Type (Antenna)	Connector Type (Modem)	Quantity Cables
LTE	SMA (f)	SMA (m)	2
WiFi	SMA (f)	RSMA	2
GPS	SMA (f)	SMA (m)	1

Ordering Information

Commercial name:	CAB-119
Order Product Code:	A-CAB-119
EAN Number:	0707273469397

Additional Accessories Available

Extension Cables:	Up to 10m HDF 195
Various connectors available	

Certification Approvals and Standards

Flammability rating:	UL:1581
Impact resistance:	IK 08
Product Safety:	Complies with UL, CE, EN, CSA and IEC standards

For more detailed information and availability in your region, visit our web site: www.poynting.tech

Contact Poynting

Poynting Antennas (Pty) Ltd - Head Office

Unit 4, N1 Industrial Park
Landmarks Avenue,
Samrand, 0157
South Africa

Phone: +27 (0) 12 657 0050
E-mail: sales@poynting.co.za

Poynting Europe

Regus Business Center Neue Messe Riem
Kronstadter Straße 4
81677 München
Germany

Phone: +49 89 208026538
E-mail: sales-europe@poynting.tech

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