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Poynting CAB-118, 5x 5m HDF-195 Low Loss Cables for 5-in-1 Antennas

SKU
ANT-PY-00038
MPN
CAB-118

Description

The Poynting CAB-118 is a set of five 5m HDF-195 low-loss cables designed for 5-in-1 antennas, part number ANT-PY-00038. These coaxial jumper cables utilise the L-195 series, known for their high performance as a robust alternative to RG-58, RG-122, RG-303, and RG-142. The L-195 features a double-shielded outer conductor that ensures superior RF shielding of over 90 dB and a PE jacket that guarantees more than 20 years of service life. Each cable supports an operating frequency range from 0 to 6000 GHz, with a VSWR of ≤ 1.35:1 at 6000 MHz, offering reliable performance for various applications.

The cables are equipped with an SMA Female connector on one end and an RP-SMA Male connector on the other, both with a straight body and free-hanging mounting style. These connectors are designed to endure frequent mating cycles, making them ideal for demanding environments. The CAB-118 cables are CE and RoHS compliant, ensuring they meet...

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Poynting

Poynting is a top global provider of integrated antenna solutions, responsible for the innovation, design and manufacture of its market-leading products. Established as a consultancy in 1990, Poynting evolved into an official PTY in 1997 and in 2001 established Poynting Antennas. It caters antenna solutions for primarily wireless high speed data applications, including residential 4G LTE as well ...

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.35:1

Physical Specification

Subtype
Feeder Cable
Compliance/Certifications
CE
,
RoHS
Length
5 m

RF Connectors

RF Interface	Body Shape	Mounting
SMA Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging
RP-SMA Male	Straight	Free Hanging

L-195

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
12.7 mm
Min. Bend Radius Dynamic
50.8 mm
Attenuation @ 1 GHz
0.39 dB/m
Max. Frequency
41 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
Weight (g/m)
30 g
Cable Layers

Layer	Diameter	Materials	Notes
Inner Conductor	0.94 mm	Solid Copper	Some cable variants have a stranded inner conductor
Dielectric	2.79 mm	Foamed Polyethylene (EPE)	
Outer Conductor	2.95 mm	Aluminium Foil (Bonded)	
Outer Conductor	3.53 mm	Tinned Copper Braid (TC)	
Outer Jacket	4.95 mm	Polyethylene (PE)	

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