

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 $\leq 1.35:1$ 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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RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
VSWR Measurement	Poynting		VSWR
	Frequency	Poynting is a top global provider of integrated antenna solutions, responsible for the innovation, design and	
	6000 MHz		$\leq 1.35:1$
	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 ...		

Physical Specification

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

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

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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