

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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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 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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