

Poynting CAB-109, 10M TWIN HDF-195 Low Loss Cable

SKU: ANT-PY-00022
 MPN: A-CAB-109

Description

The Poynting CAB-109 is a 10-metre, twin HDF-195 low loss coaxial cable designed for high-performance RF applications. Known by the part number A-CAB-109, this cable is engineered as a superior alternative to RG-58, RG-122, RG-303, and RG-142 cables. Its L-195 specification is synonymous with the LMR-195 designation, offering excellent RF shielding of over 90 dB due to its double-shielded conductor. The durable PE jacket ensures a service life exceeding 20 years, making it a reliable choice for long-term installations.

This cable supports operating frequencies from 0 GHz to 6 GHz and is compliant with CE and RoHS certifications, ensuring environmental and safety standards are met. It exhibits a VSWR of $\leq 1.35:1$ at 6000 MHz, indicative of superior signal integrity. Designed to endure multiple mating cycles, it is ideal for various applications including 4G LTE, GSM, Machine to Machine (M2M), Digital Television (DTV), and other...

[Read More](#)



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:	10 m
Compliance/Certifications:	CE		
RoHS			

RF Connectors

RF Interface	Body Shape	Mounting
SMA Female	Straight	Free Hanging
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)	

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

