WA-AC

Antenna Cable

Features

- 50 ohm coaxial cable with male BNC connectors
- Low-loss Aircell 7 cable
- Length: 5, 10 or 25 m

Applications

The WA-AC antenna cable is a low-loss Aircell 7 coaxial cable with male BNC connectors, which is available with a length of 5, 10 or 25 m.
This low-loss cable is suitable for a frequency range of up to 1 GHz. Due to the low attenuation and high flexibility the cable can be used for many applications in radio technology. The low attenuation is achieved by an extremely low-loss PE compound dielectric with an air content of more than 50%. The inner conductor is a copper wire and therefore very flexible. The outer conductor consists of an overlapping copper foil with overlying mesh wire shield. The shielding value is 100%. On the inside the copper foil is coated with PE and therefore protected against tearing when the bending radius is too small. The outer insulation consists of UV-resistant PVC.

Technical Specifications

Cable	Aircell 7
Wave impedance	500 Ω
Cable diameter	7.3 mm
Connection	Male BNC connectors at both ends
Length:	
WA-AC 5	5 m
WA-AC 10	10 m
WA-AC 25	25 m
Attenuation:	
WA-AC 5	approx. 1.0 dB @ 500 MHz approx. 1.5 dB @ 1 GHz
WA-AC 10	approx. 2.0 dB @ 500 MHz approx. 2.5 dB @ 1 GHz
WA-AC 25	approx. 4.0 dB @ 500 MHz approx. 6.0 dB @ 1 GHz

Versions

WA-AC 5	BNC antenna cable, length 5 m, low-loss Aircell 7 cable	Order # 711.543
WA-AC 10	same as above, but 10 m long	Order # 711.551
WA-AC 25	same as above, but 25 m long	Order # 711.578

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