

WEB400 Cable



Part Number: 140400

Description: WEB400 Cable

Product Construction

Inner Conductor	:	2.74mm Copper-Clad Aluminium
Dielectric	:	Foam Polyethylene 7.25mm (Nominal)
Screen	:	Bonded Aluminium Polyester Foil Tape
Screen	:	Tinned Copper Wire Braid Coverage >90%
Sheath	:	LSNH/PE

Mechanical Characteristics

Overall Diameter	:	10.10mm ±0.30
Temperature	:	Storage/Operation -15°C to +70°C
Min. Installation Temperature	:	-5°C

Electrical & Environmental Characteristics

Inner Conductor DC Resistance	:	≤4.60Ω/km @20°C
Outer Conductor DC Resistance	:	≤5.60Ω/km @20°C
Nominal Capacitance	:	75pF/m
Characteristic Impedance	:	50Ω ±3
Velocity Ratio	:	0.85

Attenuation @20°C

Frequency (MHz)	Attenuation (per 100m)	Frequency (MHz)	Attenuation (per 100m)
50	<3.2	1500	<18.5
150	<5.5	1800	<20.5
220	<6.7	2000	<21.5
460	<9.8	2500	<24.4
900	<14.1	5800	<35.5

Return Loss @ 20°C

Frequency (MHz)	Return Loss
5-470	≥ 25 dB
470-862	≥ 24 dB
862-2150	≥ 23 dB

Certifications & Standards

UKCA CPR Classification	:	Up To Dca to EN 50575: 2015 +A1:2016
Coaxial Cables	:	BS EN 50117



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