



Essential

RG11 coaxial cable, CCS, triple Al shielding, PVC black

500ft/wooden reel with messenger

IDLE-CRG101-CTB500-WOF

Item: 5935

Professional cost-effective 75 Ohm triple shielded coaxial cable (Class A) with a galvanized steel wire messenger for Satellite and CATV signal distribution installations in harsh environments. This cable is manufactured according to the highest quality standards and has gas-injected FPE dielectric with a stable impedance and SRL characteristics and low through loss values. For indoor and outdoor use.



Triple
Shield III

CLASS
A
+20 dB

UV
Protected

4G

4K
Ultra HD

Technical data

Screening class	A	Electrical data	
Applicable	indoor/outdoor	Impedance [Ω]	75 \pm 2
Inner conductor		Capacitance [pF/m]	51 \pm 2
Material	CCS	Velocity rate [%]	>85
Diameter \varnothing [mm]	1.63	DC resistance centre conductor [Ω /km]	35
Cladding conductivity [%]	24	DC resistance outer conductor [Ω /km]	8.6
Dielectric		Attenuation [dB/100m] at 20°C @	
Material	Foamed PE	50 MHz	3.15
Diameter \varnothing [mm]	7.11	200 MHz	6.7
1st shielding		950 MHz	14.25
Material	Bonded Al foil	2050 MHz	22
2nd shielding (braid)		2400 MHz	23.5
Material	Al	3000 MHz	
Braid coverage [%]	77	Structural return loss [dB] @	
3rd shielding		5 MHz ~ 470 MHz	>20
Material	Al-PET-Al foil	470 MHz ~ 1000 MHz	>20
Outer sheath		1000 MHz ~ 2000 MHz	>15
Material	PVC	2000 MHz ~ 3000 MHz	>15
Sheath diameter \varnothing [mm]	10.03	Screening attenuation [dB] @	
Sheath colour	Black	30 MHz ~ 1000 MHz	>95
RoHS complaint	RoHS, REACH	1000 MHz ~ 2000 MHz	>85
Characteristics	UV protected, footage marker every meter, Construction Products Regulation (CPR)-Eca	2000 MHz ~ 3000 MHz	>75
Messenger cable		Transfer impedance [m Ω /m] @	
Messenger diameter (mm)	1.83 \pm 0.05	10 MHz ~ 30 MHz	\leq 16
Messenger material	Galvanized steel wire	Sweep tested @	
Messenger break strength (Kgf)	156.9	5 MHz ~ 3000 MHz	
		Mechanical data	
		Operating temperature	-30°C ~ +70°C
		Footage markers per meter	1
		Available packages and colors:	500 ft wooden reel (black)

