



Ultra

High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+

Ultra premium 75 Ohm triple shielded coaxial cable with copper conductor for broadband networks HFC/CATV signal distribution. This cable is manufactured according highest quality standards and has PE gas injected dielectric with a stable impedance and fulfils in all aspects screening class A+ requirements. Applicable for indoor and outdoor use.

Available packages and colours

5752	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, white, 50m roll	IDLU-CRG605-PTW050-BON
5753	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, black, 50m roll	IDLU-CRG605-PTB050-BON
5754	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, white, 100m box	IDLU-CRG605-PTW100-RON
5755	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, black, 100m box	IDLU-CRG605-PTB100-RON
5756	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, white, 250m plastic reel	IDLU-CRG605-PTW250-REN
5757	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, black, 250m plastic reel	IDLU-CRG605-PTB250-REN
5758	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, white, 305m plastic reel	IDLU-CRG605-PTW305-REN
5759	High performance digital coaxial cable RG-6, copper conductor, triple shielded, class A+, black, 305m plastic reel	IDLU-CRG605-PTB305-REN

Triple
Shield III

CLASS
A⁺
+10 dB

UV
Protected

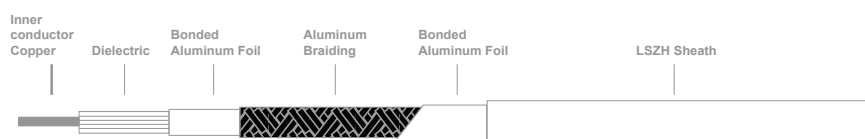
UNICABLE®

4K
Ultra HD



Technical data

Screening class	A+	Attenuation [dB/100m] at 20°C @	
Applicable	indoor/outdoor	5 MHz	1.9
Structure		50 MHz	4.9
Inner conductor		100 MHz	6.55
Material	Cu	200 MHz	10
Diameter Ø [mm]	1.02	300 MHz	12
Cladding conductivity [%]		500 MHz	15
Dielectric		800 MHz	19
Material	Cell PE	950 MHz	21
Diameter Ø [mm]	4.6	1750 MHz	29
1st shielding		2050 MHz	31
Material	Bonded Al/PET/Al	2400 MHz	33.7
Overlap [%]	18	3000 MHz	37.5
2nd shielding		Structural return loss [dB] @	
Material	CuSn	5 MHz ~ 470 MHz	> 26
Braid coverage [%]	72	> 470 MHz ~ 1000 MHz	> 26
3rd shielding		> 1000 MHz ~ 2000 MHz	> 22
Material	Al/PET/Al foil	> 2000 MHz ~ 3000 MHz	> 20
Outer sheath		Screening attenuation [dB] @	
Material	LSZH	30 MHz ~ 1000 MHz	≥ 110
Sheath diameter Ø [mm]	6.8	> 1000 MHz ~ 2000 MHz	≥ 95
Sheath colour	white or black	> 2000 MHz ~ 3000 MHz	≥ 85
RoHS complaint	yes	Transfer impedance [m /m] @	
Characteristics	UV protected, fire retardant, footage marker every meter	10 MHz ~ 30 MHz	≤ 2,5
Electrical data		Sweep tested @	
Impedance [Ω]	75 ±2	5 MHz ~ 3000 MHz	yes
Capacitance [pF/m]	53 ±2	Mechanical data	
Velocity rate [%]	83	Operating temperature	-30 °C ~ +70 °C
DC resistance centre conductor [Ω/km]	22	Installation temperature	-10 °C ~ +50 °C
DC resistance outer conductor [Ω/km]	20	Bending radius (single/multiple) [mm]	35/70
Loop resistance [Ω/km]	42	Tensile strength [N]	110
Sheath insulation voltage [kv]	3	Weight approx. [kg/km]	47
		Compliant according	EN50117, IEC61196 Construction Product Regulations (CPR)
		Footage markers per meter	1



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

For further details contact: sales@inverto.tv
FTA Communication Technologies S.à r.l. Tel. +352 264 367 1 Fax. +352 264 313 68