



IKUSI
velatia

NEW RANGE

Coaxial cables Euroclass Dca

CPR
Dca

IMPROVING SECURITY!

■ Cables with higher braiding:

- Shielding improved
- Outer sheath LSZH

■ Cables with thicker inner conductor:

- Electrical propagation of the signal improved
- Higher sturdiness

Inner conductor Cu



CUC-640



CUC-644



CUC-540



CUC-544



CUA-540



CUA-544



CUL-640

Inner conductor CCS



CSL-611



CSL-640



CSL-644



CSL-659

WE MEET MARKET



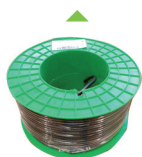
1. NEW CONSTRUCTION



2. HOUSING REFURBISHMENT

MODEL		CUC-640	CUC-644	CUC-540	CUC-544	CUA-540	CUA-544	CUL-640
REF.		2780	2782	2791	2790	2783	2785	2781
Standard		EN 50117-2-4	EN 50117-2-5	EN 50117-2-4	EN 50117-2-4	EN 50117-2-4	EN 50117-2-4	EN 50117-2-4
RG		RG6	RG6	RG6	RG6	RG6	RG6	RG6
Indoor / Outdoor		Indoor	Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor / Outdoor	Indoor
CPR Euroclass		Dca	Dca	Dca	Dca	Dca	Dca	Dca
Screening Class		Class A	Class A	Class A	Class A	Class A	Class A	Class B
Inner conductor Diameter	mm	Cu 1.13	Cu 1.13	Cu 1.02	Cu 1.02	Cu 1.02	Cu 1.02	Cu 1.13
Dielectric Diameter	mm	PE 4.8	PE 4.8	PE 4.8	PE 4.8	PE 4.8	PE 4.8	PE 4.8
Foil Braid		Cu Cu	Cu Cu	Cu Cu	Cu Cu	Cu CCA (85%)	Cu CCA (85%)	Al Al
Number of wires		128	128	96	96	128	128	96
Outer sheath Diameter	mm	LSZH white 6.8	LSZH black 6.8	LSZH white 6.8	LSZH black 6.8	LSZH white 6.8	LSZH black 6.8	LSZH white 6.8
Impedance	Ω	75						
Attenuation/100m								
5 MHz	dB	1.0	1.0	1.0	1.0	1.5	1.5	1.5
50 MHz		4.5	4.5	5.0	5.0	5.0	5.0	5.0
200 MHz		8.5	8.5	8.7	8.7	9.0	9.0	9.0
300 MHz		10.5	10.5	10.7	10.7	10.9	10.9	10.9
470 MHz		13.2	13.2	13.2	13.2	14.0	14.0	14.0
862 MHz		17.4	17.4	18.3	18.3	19.0	19.0	19.0
1000 MHz		19.6	19.6	20.0	20.0	21.0	21.0	21.0
1750 MHz		26.1	26.1	28.5	28.5	28.5	28.5	28.0
2150 MHz		29.5	29.5	31.5	31.5	31.5	31.5	31.0
Dimensions (cm) Packed weight (kg)		55.5 x 28 x 27.5 22	55.5 x 28 x 27.5 18	55.5 x 28 x 27.5 21	55.5 x 28 x 27.5 21	55.5 x 28 x 27.5 cm 20 Kg	55.5 x 28 x 27.5 16.5	55.5 x 28 x 27.5 19.5
Supply in reel		4x 100 m	4x 100 m	4x 100 m	4x 100 m	4x 100 m	4x 100 m	4x 100 m

MODEL		CSL-611	CSL-640	CSL-644	CSL-659
REF.		2786	2787	2788	2789
Standard		EN 50117-2-1	EN 50117-2-1	EN 50117-2-1	EN 50117-2-1
RG		RG11	RG6	RG6	RG59
Indoor / Outdoor		Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
CPR Euroclass		Dca	Dca	Dca	Dca
Screening Class		Class A	Class A	Class A	Class A
Inner conductor Diameter	mm	CCS 1.63	CCS 1.13	CCS 1.13	CCS 0.8
Dielectric Diameter	mm	PE 7.2	PE 4.8	PE 4.8	PE 3.7
Foil Braid		Al / PET / Al Al	Al / PET / Al Al	Al / PET / Al Al	Al / PET / Al Al
Wires		112	112	112	112
Outer sheath Diameter	mm	LSZH black 10.1	LSZH white 6.9	LSZH black 6.9	LSZH white 6.0
Impedance	Ω	75			
Attenuation/100m					
5 MHz	dB	1.3	1.9	1.9	2.8
50 MHz		3.5	5.5	5.5	6.5
200 MHz		6.0	9.5	9.5	12.0
300 MHz		7.5	11.0	11.0	14.5
470 MHz		9.5	14.0	14.0	18.5
862 MHz		12.5	19.0	19.0	24.0
1000 MHz		14.5	21.0	21.0	27.5
1750 MHz		18.0	27.5	27.5	36.0
2150 MHz		20.0	30.0	30.0	40.0
Dimensions (cm) Packed weight (kg)		38 x 38 x 30 18.5	55.5 x 28 x 27.5 18.5	55.5 x 28 x 27.5 18.5	55.5 x 28 x 27.5 16
Supply in reel		1x 200 m	4x 100 m	4x 100 m	4x 100 m



Legend

Cu	Copper	PE	Polyethylene
Al	Aluminum	PET	Polyester
CCS	Copper steel	PVC UV	Polyvinyl chloride against ultraviolet rays
CCA	Copper aluminum		

* LSZH: Low Smoke Zero Halogen.

It is flame retardant (EN/IEC 60332-3), the density of the smoke produced when the cable is burnt is very low (EN/IEC 61034-2) and the fumes are nontoxic (IEC 60754-2).

* CPR (construction product regulation): Dca s2, d1, a1.

-s (Smoke): Smoke emission performance

-d (droplets): Inflamed droplet / particle fall performance

-a (acidity): This classification provides information on the emission of acid gases during the fire