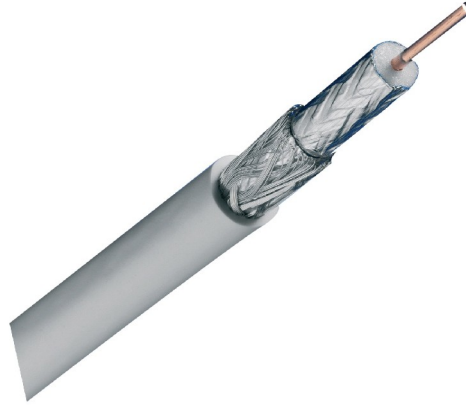


KOKA 799 (Hirschmann)



Features:

- HiQ universal in-house Coax cabling
- High optimised shielding
- High Return Loss
- Cable with meter indication
- Kabel Keur Certified

Design:

Inner conductor: bare copper wire ø 1.13 mm

Insulation of foamed Polyethylen (PE) with skin ø 4.8 mm

Alulaminat foil overlapped, applied longitudinally

Shield braiding of tinned copper wires 0.1 mm dia

Coverage about 47% ø 5.3 mm

UV stable

Jacket:

Polyvinylchloride (PVC) WHWall thickness about 0.7 mm ø (6.8 +0.2 -0.1) mm

Printing: Hirschmann KOKA 799 DIGITAL "production - week/year" + marking every meter + Kabel Keur Certified

Date: 25 august 2009	Version: 2	Checked: R&D
Type: KOKA 799 (Hirschmann)	Articlenumber: 198799...	

Mechanical and thermal characteristic

Conductor material acc. to DIN 40500 part 4:	E-Cu58
Screen material acc. to DIN 40500 part 5:	E-Cu58 F21-V2
Jacket material acc. to DIN VDE 0819 part 102:	compoundtype TM52 (YM2)
Fire load:	0.68 MJ/m

Application / Special feature:

Coax cable	
Permissible temperature range :	-30°C up to +70°C
Minimum bending radius allowed:	multiple 20X ø, single 5X ø
Packaging:	Cardboard box 20 meters (shop) Cardboard box 100 meters Spool 500 meters

Specifications:

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Item	Frequency range	Value	Remarks
Conductor resistance		= 18 Ohm/Km	
Screen resistance		= 17 Ohm/Km	
Insulation resistance		= 1000 Mohm/Km	
Capacitance (1 KHz wire/screen)		(52 ± 3) nF/Km	
Characteristic impedance		75 Ohm	
Test voltage (wire/screen rms 50 Hz 1min)		2000 Volt	
Return	5 - 30 MHz	= 27 dB	IEC 60728-3
	30 - 470 MHz	= 27 dB	
	470 - 1000 MHz	= 24 dB	
	862 - 2150 MHz	= 18 dB	
	2150 - 2400 MHz	= 18 dB	
(3 peaks up to -3 dB from the nominal value are permissible)			
Screening effectiveness	5 - 30 MHz	= 90 dB	IEC 60728-2
Screening effectiveness	30 - 2400 MHz	= 90 dB	
Attenuation	860 MHz	18,0 dB/100 m	
Electrical data at 20°, testing according to EN 50117-1			

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