

Design:

Wire LIH 1,5/2,4 (power wire)

Stranded bare copper wire 84 X 0,15
 Insulation of Thermoplastic copolymer (FRNC) BK, number printed
 Wall thickness about 0,4 mm

∅ 1,55 mm (0,061 in)
 ∅ 2,4 mm (0,094 in)

02YS(ST)C 1X2X0,75/1,5-100 LI

Wire 02YS 1X0,75/1,5 LI
 Stranded bare copper wire 7 X 0,25
 Insulation of foamed Polyethylen (PE) with skin
 2 wires twisted to a pair
 Plastic tape, overlapped
 Alulaminat foil overlapped, applied longitudinally
 Shield braiding of tinned copper wires 0,1 mm dia
 Coverage about 75%

∅ 0,75 mm (0,030 in)
 ∅ 1,5 mm (0,059 in)

∅ 3,6 mm (0,142 in)

Core:

Filler as central element
 2 screened pairs WH/BU - YE/OG
 4 wires LIH 1,5/2,4 BK number 1-2-3-4
 Plastic laminate, overlapped

∅ 8,3 mm (0,327 in)

Jacket:

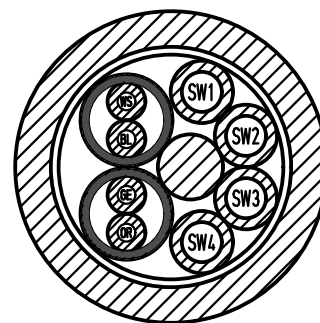
Thermoplastic copolymer (FRNC) GN, RAL 6018
 Wall thickness about 1,0 mm

∅ (10,3±0,3) mm (0,406±0,012 in)

Electrical data at 20°C:

02YS(ST)C 1X2X0,75/1,5-100 LI
 Loop resistance
 Signal run time
 Insulation resistance
 Characteristic impedance (1 - 100 MHz)
 Surface transfer impedance (1 MHz)
 Surface transfer impedance (10 - 100 MHz)
 Test voltage (wire/wire/screen rms 50Hz 1min)

≤ 120 Ohm/km
 ≤ 5,3 ns/m
 ≥ 500 MOhm*km
 (100 ±15) Ohm
 ≤ 50 mOhm/m
 ≤ 10 mOhm/m
 = 700 V



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4	09 45 600 0340.00	RJI cable AWG 22/7, hybrid, 50m-Ring,	50.000 ± 500
3	09 45 600 0330.00	RJI cable AWG 22/7, hybrid, 20m-Ring,	20.000 ± 200
2	09 45 600 0310.00	RJI cable AWG 22/7, hybrid, 10m-Ring,	10.000 ± 100
1	09 45 600 0300.00	RJI cable AWG 22/7, hybrid, 100m-Ring,	100.000 ±1.000

Cont. No.	Teilenummer part number	Bezeichnung designation	Maß a [mm] dim. a [mm]
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F	All Dimensions in mm Original Size DIN A 4	Techn. Character.			Nicht tolerierte Maßel/Free size tolerances	
			Dat.	Name	Maßstab/Scale	HARTING RJ Industrial Kabel, Hybrid HARTING RJ Industrial cable, hybrid
		Detail.	04.11.04	Wie		
		Insp.	04.11.04	Wae		
Stand.						
		HARTING Electronics GmbH & Co. KG			TB 09 45 600 0300	
		D-32339 ESPELKAMP			Blatt/ page	
					1/2	
	Mod.	Dat.	Name	Sub.		



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