Design:

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

Stranded bare copper wire 84 X 0,15	ø 1,55 mm (0,061 in)
Insulation of Thermoplastic copolymer (FRNC) BK, number printed	ø 2,4 mm (0,094 in)
Wall thickness about 0,4 mm	

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

Wire 02YS 1X0,75/1,5 LI	
Stranded bare copper wire 7 X 0,25	ø 0,75 mm (0,030 in)
Insulation of foamed Polyethylen (PE) with skin	ø 1,5 mm (0,059 in)
2 wires twisted to a pair	
Plastic tape, overlapped	
Alulaminate foil overlapped, applied longitudinally	
Shield braiding of tinned copper wires 0,1 mm dia	
Coverage about 75%	ø 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	ø 8,3 mm (0,327 in)

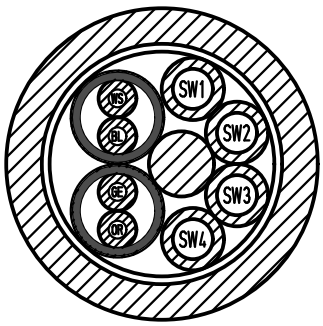
Jacket:

Thermoplastic copolymer (FRNC) GN, RAL 6018	
Wall thickness about 1,0 mm	ø (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	≤ 120 Ohm/km
Signal run time	≤5,3 ns/m
Insulation resistance	≥ 500 MOhm*km
Characteristic impedance (1 - 100 MHz)	(100 ±15) Ohm
Surface transfer impedance (1 MHz)	≤ 50 mOhm/m
Surface transfer impedance (10 - 100 MHz)	≤ 10 mOhm/m
Test voltage (wire/wire/screen rms 50Hz 1min)	= 700 V



Cont. No.	Teilenummer *part number*	Bezeichnung *designation*	Maß a [mm] *dim. a [mm]*
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

All Dimensions in mm
Original Size DIN A 4

Techn. Character.

Nicht tolerierte Maße/ *Free size tolerances*

	Dat.	Name
Detail.	04.11.04	Wie
Insp.	04.11.04	Wae
Stand.		

Maßstab/*Scale*: /

HARTING RJ Industrial Kabel, Hybrid
HARTING RJ Industrial cable, hybrid

Mod.	Dat.	Name
32378		

HARTING Electronics GmbH & Co. KG
D-32339 ESPELKAMP

TB 09 45 600 0300

Sub.

Blatt/ *page* 1/2