

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

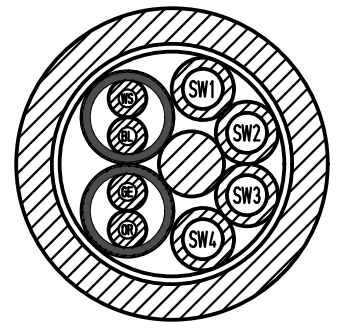
∅ (10,3±0,3) mm (0,406±0,012 in)

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



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]



All Dimensions in mm
Original Size DIN A 4

Techn. Character.

Nicht tolerierte Maß/Free size tolerances

	Dat.	Name	Maßstab/Scale /
Detail.	04.11.04	Wie	
Insp.	04.11.04	Wae	
Stand.			

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

32378

HARTING Electronics GmbH & Co. KG
D-32339 ESPELKAMP



TB 09 45 600 0300

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Mod. Dat. Name

Sub.

Mouser Electronics

Authorized Distributor

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