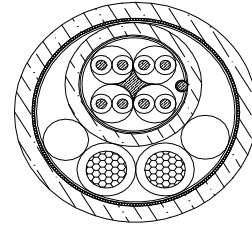


#4504 Hybrid cable 4x2x26AWG + 2x1.5mm2



RG Wire & Cable Ltd

67 Cavendish Way
Glenrothes KY15 6SB
Scotland
Tel: +44 1592 775800
Fax: +44 1592 775822



(RGW-2536-5)

#4504 Hybrid cable 4x2x26AWG + 2x1.5mm2

Product Description

Application:
For communication and Telephone systems.

Cable Construction

A+B	A(4 Pair ,26AWG)	B(2 Core ,1.5mm2)
1. Conductor	Bare Copper	Tinned Copper
Construction (mm)	0.40±0.01	T0.24±0.008×30
2. Insulation	HDPE	PE
Diameter (mm)	0.8±0.05×2C Twist	2.20±0.15×2C
Color	White/Blue – Blue White/Green- Green White/Brown – Brown White/Orange – Orange	Black,Grey(RAL7001)
3. Filler	Cross Member	.....
4. Mylar Spiral	>=115%	.....
5. Drain Wire	Tinned Copper	.....
Construction	T0.40±0.01	.....
6. Al-Pet-Al Shield	>=115%	.....
7. Inner Jacker	LSZH	.....
Construction(mm)	5.40±0.20	.....
Color	Grey(RAL7001)	.....
8.Filler	Cotton Rope	.....
9.Total Mylar Spiral	>=115%	.....
10.Braiding	Tinned Copper	.....
Construction	T0.10±0.008×16×5	.....
Coverage	>=30±5%	.....
11. Outer Jacket	LSZH - UV Resistant	.....
Diameter (mm)	9.10±0.20	.....
Color	Black	.....
12.Marking	RG Wire & Cable #4504 Hybrid cable 4 x 2 x 26AWG + 2 x 1,5mm +001m.....	.....

13.Label

RG Wire & Cable Ltd	
Hybrid Cable 4x2x26AWG + 2x1.5mm2 Black	
500M	
RoHS2(2011/65/EU) Compliant	
4504 RG???? WW/YY	

Packaging

500M/Wooden Drum

Environmental Compliance

- CE: EU Directive 2011/65/EU(RoHS2):
This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No exemptions are required for RoHS compliance on this item.
- REACH Regulation (EC 1907/2006):
This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.

Electrical Characteristics

Conductor DCR @ 20°C (68°F) (Ω/Km)	A <153 B <13
Rated Temperature	70
Rated Voltage	300V
Min.Insulation DC Resistance at 20°C (68°F) (MΩ*Km)	>200
Mutual capacitance	≤56nF/km
Dielectric strength conductor	2.5kV DC 2 sec
Dielectric strength conductor	2.5kV DC 3 sec

Performance

Frequency	Characteristic Impedance	Attenuation (dB/70m) max	NEXT (dB/70m) min.	ELFEXT (dB/70m) min.	RL min.
1.00	100±15Ω	3.90	65.30	64.00	20.00
4.00	100±15Ω	7.90	56.30	52.00	23.00
10.00	100±15Ω	12.10	50.30	44.00	25.00
16.00	100±15Ω	15.70	47.20	39.90	25.00
31.25	100±15Ω	20.60	42.90	34.10	23.60
62.50	100±15Ω	27.80	38.40	28.10	21.50
100.00	100±15Ω	36.30	35.30	24.00	20.10

Note:

- Quality acceptance criteria: Pass ISO11801 Channel D at 70m on Fluke
- Cat5e electrical performance for the data pairs.

Flame resistance	UL1581 VW-1 IEC 60332-3-24
UV resistance	UL 1581 Para 1200
Screen resistance	<20mΩ

Reference Standard

Customer's sample spec.and the general standard

Rev	Notes	D	R	Date
5	Conductor color change	CC	RG	2014-06-05
6	UV resistance note on print	CC	RG	2014-06-05
7	Add logo	CC	AZ	2016-11-21