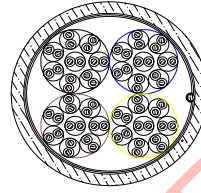


#6303 - 32x2x0.4 100 Ohm Multipair Cable



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Product Description

Application:

General Characteristics

Temperature rating(°C) - installation	0-50
Temperature rating(°C) - fixed/working	-20 to 70
Operating voltage (V)	300
Minimum bending radius (mm)	110
Nom. cable weight (kg/km)	155

Cable Construction

1 Conductor	Bare copper
Nom. diameter (mm)	0.40
2 Insulation	Soild PE
Nom. thickness (mm)	0.15
Nom. diameter (mm)	0.70×2C Twist
Color	See Table 1
3 Binder spiral	(8 pairs + Binder) x 4
4 Mylar spiral	≥115%
5 Drain wire	Tinned copper
Nom. diameter (mm)	0.50
6 Al-Pet-Al Shield	≥115%
7 Rip cord	Nylon
8 Jacket	PVC
Nom. thickness (mm)	1.00
Nom. diameter (mm)	11.00
Color	Grey (RAL7032)
9 Marking	RG Wire & Cable #6303
(Black ink, once/meter)	32-PAIR 26 AWG 75C YYWW [xxxM]

Electrical Characteristics

Conductor DCR @ 20°C (68°F) (max.)	≤150
Voltage test for one minute	1000V AC or 1500V DC
Insulation resistance at 20°C (MΩ.KM)	≥1000
Impedence (Ω)	100±20 @700kHz
Attenuation	≤27dB/km @700kHz
Near end and far end Cross Talk	≥50dB/km@700kHz ≥35dB/km@7MHz

Table 1

Pair	A	B	Binder	Pair	A	B	Binder
1	Light Blue	White	Group A White	17	Orange	Yellow	Group C Yellow
2	Light Blue	Dark Blue		18	Orange	Brown	
3	Light Blue	Yellow		19	Orange	Black	
4	Light Blue	Brown		20	Orange	Red	
5	Light Blue	Black		21	Orange	Green	
6	Light Blue	Red		22	Violet	White	
7	Light Blue	Green		23	Violet	Dark Blue	
8	Grey	White		24	Violet	Yellow	
9	Grey	Dark Blue	Group B Blue	25	Violet	Brown	Group D Brown
10	Grey	Yellow		26	Violet	Black	
11	Grey	Brown		27	Violet	Red	
12	Grey	Black		28	Violet	Green	
13	Grey	Red		29	White	Light Blue	
14	Grey	Green		30	White	Grey	
15	Orange	White		31	White	Orange	
16	Orange	Dark Blue		32	White	Voilet	

Packaging

500m/wooden drum

Reference

Customer part number 1820149-1 Rev A dated 20050831

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.

CV	Notes	D	R	Date
A01	First release	CC	AZ	2017-06-29
A02	Update customer part number	AZ	PS	2017-07-14
A03	Update drain wire diameter	AZ	PS	2017-08-14
A04	Update binder color	AZ	PS	2017-10-19