

CODE: RSY-PTT2984P01PC
DOP NUMBER: RSY01-XX



Characteristics



1. Conductor
Diameter (mm)

Copper
AWG24

2. Insulation
Diameter (mm)
Coverage

Soild PE
0.85 ± 0.05

- Pair 1
- Pair 2
- Pair 3
- Pair 4

- Grey-White
- Pink-Blue
- Orange-Yellow
- Violet-Brown

Assembly

4 Twisted pairs in the same order as the drawing above

3. Rip Cord

4. Jacket
Diameter (mm)
Color

PVC
5.10 ± 0.30
Ivory RAL 1013

Marking (Frequency: every 1 meter)
PTT298 ORSEANCABLES Eca RSY01-XX WW/YY xxxxxxM

Remark: XX-Supplier code; WW-Weak; YY-Year;

Electrical Characteristics

Characteristic Impedance (Ω)	
From 1 to 100 Mhz	100±15
Max. Conductor DC Resistance @ 20°C (Ω /Km)	95
Rated Temperature (°C)	60
Velocity Ratio (%)	69

Comply with FLUKE ISO CLASS D Perm.link Standard:

Frequency (MHz)	Attenuation (dB/100m)	Return Loss (dB)	NEXT (dB)
1	4.0	19.0	60.0
4	4.0	19.0	54.8
10	6.0	19.0	48.5
16	7.7	19.0	45.2
20	8.6	19.0	43.7
31.25	10.9	17.1	40.5
62.50	15.8	14.0	35.7
100	20.4	12.0	32.3

ROHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MS	