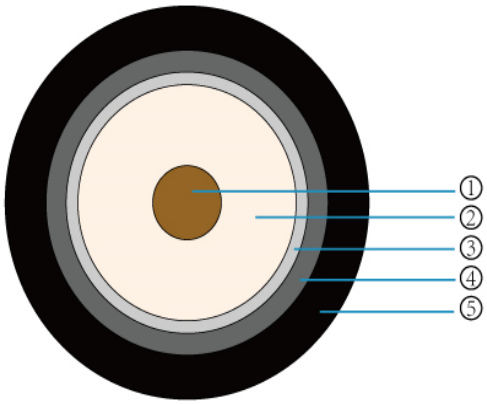
Ed.1
Nov.14,2022

TECHNICAL DATA SHEET

OR17PATC

Code: RSY-CO17C35ALPE
DoP Number: RSYC02-XX
Reaction to Fire: Fca

Construction



1. Conductor	**CCS**
Diameter (mm)	1.13 ± 0.01
2. Insulation	**Foam PE**
Diameter (mm)	4.80 ± 0.10
3. Foil Shield	**Al / PET / Al**
Coverage	> 110%
4. Braiding	
Coverage	35%
5. Jacket	**PE**
Diameter (mm)	6.80 ± 0.20
Color	Black

Marking (Frequency: every 1 meter)
17PATC OREANCABLES Fca RSYC02-XX WW/YY xxxxxxM

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

Electrical Characteristics

Impedance(Ω)	75±3
Inner Conductor DC Resistance @ 20℃ (Ω/Km)	<95
Outer Conductor DC Resistance @ 20℃ (Ω/Km)	<79
Capacitance(pF/m)	52±3

Typical Attenuation @ 20℃ (dB/100m)

50 MHz	5.20
200 MHz	8.10
400 MHz	11.90
800 MHz	17.50
1350 MHz	23.60
2150 MHz	30.70
3000 MHz	38.30

Structural Return Loss

5 ~ 470 MHz	>23dB
470 ~ 1000 MHz	>20dB
1000 ~ 3000 MHz	>15dB

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/MC	