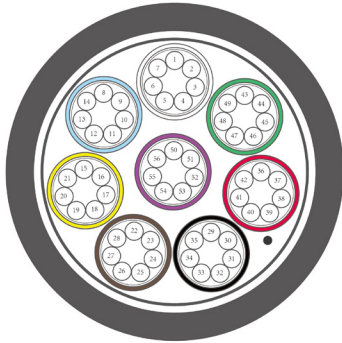


TELEPHONE CABLE XP AWG20 COPPER EACH PAIR SHIELDING



ORSYTIAIXPAWG20

Construction



| | |
|--------------------------------------|-------------------------------------|
| Conductor Diameter | Copper AWG 20 |
| Insulation Diameter | Solid PE 1.20 +/- 0.02 mm |
| Pair Shielding AL/PET Tape | >100% |
| General PET Tape | >100% |
| Drain Wire Diameter | TCCA 0.40 +/- 0.01 mm |
| AL/PET Tape (AL inside) | >100% |
| Rip Cord | |
| Outer Sheath Color | PVC Grey RAL7001 |

Marking

SYT 1 AI 1 PAIR AWG 20 ORSEANCABLES Eca RSYT30-XX WW/YY xxxxxxM
 SYT 1 AI 2 PAIRS AWG 20 ORSEANCABLES Eca RSYT31-XX WW/YY xxxxxxM
 Remark: x-number of pair; XX-Supplier code; WW-Weak; YY-Year;
 RSYT30-XX-DoP number

Thickness, Diameter & Colour code

| REFERENCE | Dop Number | Thickness +/- 10% (mm) | Diameter +/- 10% (mm) |
|------------------------|------------|------------------------|-----------------------|
| RSY-TELAI220PC | RSYT30-XX | 0.5 / 0.7 | 7.5 |
| RSY-TELAI320PC | RSYT31-XX | 0.5 / 0.7 | 8.0 |
| RSY-TELAI520PC | RSYT32-XX | 0.5 / 0.7 | 9.0 |
| RSY-TELAI1020PC | RSYT33-XX | 0.6 / 0.8 | 11.9 |
| RSY-TELAI1520PC | RSYT34-XX | 0.6 / 0.8 | 13.5 |
| RSY-TELAI3020PC | RSYT35-XX | 0.7 / 0.9 | 17.5 |
| RSY-TELAI5620PC | RSYT36-XX | 0.7 / 0.9 | 22.0 |

Properties

Voltage Endurance: 300 V

Temperature Range: -10°C ~ + 70°C

Dielectric Strength : DC 1500V during 1 min.

Insulation Resistance : 1500 MΩ.Km

Conductor Resistance: 41 Ω/KM

Fire Retardant: According to CPR Eca

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 | |

Colour of bundles binder :

| Bundle N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------|-------|------|--------|-------|-------|-----|-------|--------|
| Colour | White | Blue | Yellow | Brown | Black | Red | Green | Purple |

Construction of bundles according to pairs number :

| Number of pairs | Assembly of bundles | Number of pairs | Assembly of bundles |
|-----------------|-------------------------------|-----------------|--|
| 7 | 1 bundle of 7 pairs | 10 | 1 bundle of 10 pairs |
| 15 | 1 bundle of 15 pairs | 21 | 3 bundle of 7 pairs |
| 30 | 4 bundle of 7 pairs + 2 pairs | 56 | 8 bundle of 7 pairs / 4 bundle of 14 pairs |
| 112 | 8 bundle of 14 pairs | | |

Cables with number of pairs from 1 to 112 :

| Pair N | Wire 1 | Wire 2 |
|--------|--------|--------|
| 1 | White | Red |

| Pair N | Wire 1 | Wire 2 | Pair N | Wire 1 | Wire 2 | Pair N | Wire 1 | Wire 2 | Pair N | Wire 1 | Wire 2 |
|--------|------------|--------|--------|------------|--------|--------|------------|--------|--------|--------|--------|
| 29 | Light Blue | White | 57 | Light Blue | White | 85 | Light Blue | White | | | |
| 30 | Light Blue | Blue | 58 | Light Blue | Blue | 86 | Light Blue | Blue | | | |
| 31 | Light Blue | Yellow | 59 | Light Blue | Yellow | 87 | Light Blue | Yellow | | | |
| 32 | Light Blue | Brown | 60 | Light Blue | Brown | 88 | Light Blue | Brown | | | |
| 33 | Light Blue | Black | 61 | Light Blue | Black | 89 | Light Blue | Black | | | |
| 34 | Light Blue | Red | 62 | Light Blue | Red | 90 | Light Blue | Red | | | |
| 35 | Light Blue | Green | 63 | Light Blue | Green | 91 | Light Blue | Green | | | |
| 36 | Grey | White | 64 | Grey | White | 92 | Grey | White | | | |
| 37 | Grey | Blue | 65 | Grey | Blue | 93 | Grey | Blue | | | |
| 38 | Grey | Yellow | 66 | Grey | Yellow | 94 | Grey | Yellow | | | |
| 39 | Grey | Brown | 67 | Grey | Brown | 95 | Grey | Brown | | | |
| 40 | Grey | Black | 68 | Grey | Black | 96 | Grey | Black | | | |
| 41 | Grey | Red | 69 | Grey | Red | 97 | Grey | Red | | | |
| 42 | Grey | Green | 70 | Grey | Green | 98 | Grey | Green | | | |
| 43 | Orange | White | 71 | Orange | White | 99 | Orange | White | | | |
| 44 | Orange | Blue | 72 | Orange | Blue | 100 | Orange | Blue | | | |
| 45 | Orange | Yellow | 73 | Orange | Yellow | 101 | Orange | Yellow | | | |
| 46 | Orange | Brown | 74 | Orange | Brown | 102 | Orange | Brown | | | |
| 47 | Orange | Black | 75 | Orange | Black | 103 | Orange | Black | | | |
| 48 | Orange | Red | 76 | Orange | Red | 104 | Orange | Red | | | |
| 49 | Orange | Green | 77 | Orange | Green | 105 | Orange | Green | | | |
| 50 | Purple | White | 78 | Purple | White | 106 | Purple | White | | | |
| 51 | Purple | Blue | 79 | Purple | Blue | 107 | Purple | Blue | | | |
| 52 | Purple | Yellow | 80 | Purple | Yellow | 108 | Purple | Yellow | | | |
| 53 | Purple | Brown | 81 | Purple | Brown | 109 | Purple | Brown | | | |
| 54 | Purple | Black | 82 | Purple | Black | 110 | Purple | Black | | | |
| 55 | Purple | Red | 83 | Purple | Red | 111 | Purple | Red | | | |
| 56 | Purple | Green | 84 | Purple | Green | 112 | Purple | Green | | | |