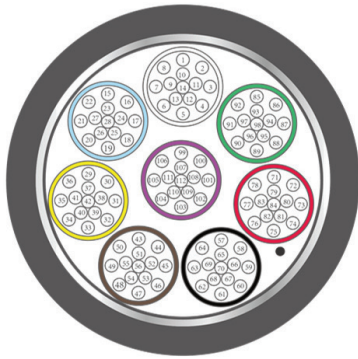


## TELEPHONE CABLE XP AWG20 COPPER WITH STEEL ARMOUR



ORSYT2XPAWG20

### Construction



|   |                                     |
|---|-------------------------------------|
| <b>Conductor</b><br>Diameter  | <b>Copper</b><br>AWG 20             |
| <b>Insulation</b><br>Diameter                                       | <b>Solid PE</b><br>1.20 +/- 0.02 mm |
| <b>PET Tape</b>   | <b>&gt;100%</b>                     |
| <b>Drain Wire</b><br>Diameter                                       | <b>TCCA</b><br>0.40 +/- 0.01 mm     |
| <b>AL/PET Tape (AL inside)</b>                                      | <b>&gt;100%</b>                     |
| <b>Armour</b><br>2 soft galvanised steel tapes helicoidally applied |                                     |
| <b>Rip Cord</b>   |                                     |
| <b>Outer Sheath</b><br>Color  | <b>PVC</b><br>Grey RAL7001          |

#### Marking

SYT 2 2 PAIRS AWG 20 ORSEANCABLES B2ca RSYTAR08B-XX WW/YY xxxxxM  
Remark: x-number of pair; XX-Supplier code; WW-Weak; YY-Year;  
RSYTAR08B-XX-DoP number

### Thickness, Diameter & Colour code

| REFERENCE                | Dop Number   | Thickness +/- 10% (mm) | Diameter +/- 10% (mm) |
|--------------------------|--------------|------------------------|-----------------------|
| <b>RSY-TELAR220LHB</b>   | RSYTAR08B-XX | 0.9                    | 9.3                   |
| <b>RSY-TELAR320LHB</b>   | RSYTAR09B-XX | 0.9                    | 9.7                   |
| <b>RSY-TELAR520LHB</b>   | RSYTAR10B-XX | 0.9                    | 11.0                  |
| <b>RSY-TELAR1020LHB</b>  | RSYTAR11B-XX | 0.9                    | 14.6                  |
| <b>RSY-TELAR1520LHB</b>  | RSYTAR12B-XX | 0.9                    | 16.5                  |
| <b>RSY-TELAR2120LHB</b>  | RSYTAR13B-XX | 0.9                    | 21.3                  |
| <b>RSY-TELAR3020LHB</b>  | RSYTAR14B-XX | 0.9                    | 23.0                  |
| <b>RSY-TELAR5620LHB</b>  | RSYTAR15B-XX | 1.0                    | 27.95                 |
| <b>RSY-TELAR11220LHB</b> | RSYTAR16B-XX | 1.0                    | 39.15                 |

### 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 B2ca

#### 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 |
| 1      | Light Blue | White  | 29     | Light Blue | White  | 57     | Light Blue | White  | 85     | Light Blue | White  |
| 2      | Light Blue | Blue   | 30     | Light Blue | Blue   | 58     | Light Blue | Blue   | 86     | Light Blue | Blue   |
| 3      | Light Blue | Yellow | 31     | Light Blue | Yellow | 59     | Light Blue | Yellow | 87     | Light Blue | Yellow |
| 4      | Light Blue | Brown  | 32     | Light Blue | Brown  | 60     | Light Blue | Brown  | 88     | Light Blue | Brown  |
| 5      | Light Blue | Black  | 33     | Light Blue | Black  | 61     | Light Blue | Black  | 89     | Light Blue | Black  |
| 6      | Light Blue | Red    | 34     | Light Blue | Red    | 62     | Light Blue | Red    | 90     | Light Blue | Red    |
| 7      | Light Blue | Green  | 35     | Light Blue | Green  | 63     | Light Blue | Green  | 91     | Light Blue | Green  |
| 8      | Grey       | White  | 36     | Grey       | White  | 64     | Grey       | White  | 92     | Grey       | White  |
| 9      | Grey       | Blue   | 37     | Grey       | Blue   | 65     | Grey       | Blue   | 93     | Grey       | Blue   |
| 10     | Grey       | Yellow | 38     | Grey       | Yellow | 66     | Grey       | Yellow | 94     | Grey       | Yellow |
| 11     | Grey       | Brown  | 39     | Grey       | Brown  | 67     | Grey       | Brown  | 95     | Grey       | Brown  |
| 12     | Grey       | Black  | 40     | Grey       | Black  | 68     | Grey       | Black  | 96     | Grey       | Black  |
| 13     | Grey       | Red    | 41     | Grey       | Red    | 69     | Grey       | Red    | 97     | Grey       | Red    |
| 14     | Grey       | Green  | 42     | Grey       | Green  | 70     | Grey       | Green  | 98     | Grey       | Green  |
| 15     | Orange     | White  | 43     | Orange     | White  | 71     | Orange     | White  | 99     | Orange     | White  |
| 16     | Orange     | Blue   | 44     | Orange     | Blue   | 72     | Orange     | Blue   | 100    | Orange     | Blue   |
| 17     | Orange     | Yellow | 45     | Orange     | Yellow | 73     | Orange     | Yellow | 101    | Orange     | Yellow |
| 18     | Orange     | Brown  | 46     | Orange     | Brown  | 74     | Orange     | Brown  | 102    | Orange     | Brown  |
| 19     | Orange     | Black  | 47     | Orange     | Black  | 75     | Orange     | Black  | 103    | Orange     | Black  |
| 20     | Orange     | Red    | 48     | Orange     | Red    | 76     | Orange     | Red    | 104    | Orange     | Red    |
| 21     | Orange     | Green  | 49     | Orange     | Green  | 77     | Orange     | Green  | 105    | Orange     | Green  |
| 22     | Purple     | White  | 50     | Purple     | White  | 78     | Purple     | White  | 106    | Purple     | White  |
| 23     | Purple     | Blue   | 51     | Purple     | Blue   | 79     | Purple     | Blue   | 107    | Purple     | Blue   |
| 24     | Purple     | Yellow | 52     | Purple     | Yellow | 80     | Purple     | Yellow | 108    | Purple     | Yellow |
| 25     | Purple     | Brown  | 53     | Purple     | Brown  | 81     | Purple     | Brown  | 109    | Purple     | Brown  |
| 26     | Purple     | Black  | 54     | Purple     | Black  | 82     | Purple     | Black  | 110    | Purple     | Black  |
| 27     | Purple     | Red    | 55     | Purple     | Red    | 83     | Purple     | Red    | 111    | Purple     | Red    |
| 28     | Purple     | Green  | 56     | Purple     | Green  | 84     | Purple     | Green  | 112    | Purple     | Green  |