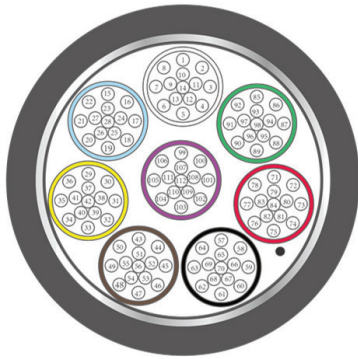


## TELEPHONE CABLE XP AWG20 COPPER WITH STEEL ARMOUR



ORSYT2xPAWG20

### Construction



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

#### Marking

SYT 2 3 PAIRS AWG 20 ORSEANCABLES Eca RSYT46-XX WW/YY xxxxxM  
Remark: x-number of pair; XX-Supplier code; WW-Weak; YY-Year; RSYT46-XX-DoP number

### Thickness, Diameter & Colour code

REFERENCE	Dop Number	Thickness +/- 10% (mm)	Diameter +/- 10% (mm)
RSY-TELAR320PC	RSYT46-XX	0.9	10.5
RSY-TELAR520PC	RSYT47-XX	0.9	11.4
RSY-TELAR720PC	RSYT48-XX	0.9	13.0
RSY-TELARI020PC	RSYT49-XX	0.9	15.1
RSY-TELARI520PC	RSYT50-XX	0.9	15.6
RSY-TELAR2120PC	RSYT51-XX	0.9	17.3
RSY-TELAR3020PC	RSYT52-XX	0.9	19.5
RSY-TELAR5620PC	RSYT53-XX	1.0	24.2
RSY-TELARI1220PC	RSYT54-XX	1.0	31.6

### 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			