



TEKAB

MULTIPAIR PE INSULATED INDIVIDUALLY SCREENED & ARMoured CABLES RE-2Y(St)Y SWA Y PIMF

DESCRIPTION

- **Conductor:** Bare annealed copper (7 wires)
0.50mm² : 7 x 0.30mm
0.75mm² : 7 x 0.37mm
1.30mm² : 7 x 0.49mm
 - **Insulation:** PE type L/MD to BS 7878
 - **Pairing:** two insulated conductors twisted together to form a pair
 - **Screen:** each pair individually screened with Alu/Pet foil + tinned copper drain wire(0.5mm²)
 - **Assembly:** in concentric layers, along with one Communication core of 0.50 mm², PE insulated, orange color, for multipair cables
 - **Overall Screen:** Alu/Pet foil +tinned copper drain wire (0.5mm²)
 - **Bedding:** extruded PVC type TM1
 - **Armouring:** Galvanized steel wire (GSW)
 - **Jacket*:** overall PVC type TM1 to BS 7655
- * Also available with reinforced jacket
Type: RE-2Y(St)Yv SWA PIMF

SPECIFICATION: Generally to VDE 800 series

CHARACTERISTICS

- Test Voltage : 1000Vac - 1min.
- Rated Voltage : 300 V
- Rated Temperature: 70°C
- Min. **Insulation Resistance** at 20°C
Core to Core: 5GΩ.km
Screen to Screen: 1MΩ.km
- Max. **Mutual Capacitance** at 1kHz: 115 pF/m
- **Conductor Resistance:** refer to technical section

Conductor: 0.5mm²

Size Nr X mm ²	Approx. O.D. mm	Copper Weight kg/km	Approx. Weight kg/km
2 X 2 X 0.5	12.9	27.9	351
3 X 2 X 0.5	14.9	39.5	505
4 X 2 X 0.5	16.0	51.2	576
6 X 2 X 0.5	18.3	74.5	711
8 X 2 X 0.5	19.2	97.7	788
10 X 2 X 0.5	22.2	121.0	965
12 X 2 X 0.5	22.8	144.3	1027
14 X 2 X 0.5	24.6	187.6	1276
16 X 2 X 0.5	25.8	190.9	1372

Conductor: 0.75mm²

Size Nr X mm ²	Approx. O.D. mm	Copper Weight kg/km	Approx. Weight kg/km
2 X 2 X 0.75	13.7	37.9	387
3 X 2 X 0.75	15.8	54.5	561
4 X 2 X 0.75	17.0	71.2	641
6 X 2 X 0.75	19.6	104.4	806
8 X 2 X 0.75	20.5	137.7	898
10 X 2 X 0.75	24.6	171.0	1263
12 X 2 X 0.75	25.3	204.2	1346
14 X 2 X 0.75	26.5	237.5	1479
16 X 2 X 0.75	27.8	270.8	1591

Conductor: 1.3mm²

Size Nr X mm ²	Approx. O.D. mm	Copper Weight kg/km	Approx. Weight kg/km
2 X 2 X 1.3	15.7	59.9	560
3 X 2 X 1.3	17.4	87.5	672
4 X 2 X 1.3	18.8	115.1	771
6 X 2 X 1.3	21.8	170.4	988
8 X 2 X 1.3	23.7	225.6	1280
10 X 2 X 1.3	27.5	280.9	1570
12 X 2 X 1.3	28.3	336.1	1684
14 X 2 X 1.3	29.8	391.4	1852
16 X 2 X 1.3	31.1	446.6	1997

