

S-2XYC22YB22Y

Zırhlı ve ekranlı, demiryolu sinyal kabloları
Armoured and screened, railway signal cables



»» Yapı

- 1 İletken** : Elektrolitik, tavlı, çıplak bakır iletken, Sınıf 1
- 2 İzolasyon** : Çapraz bağlı polietilen - XLPE (2X)
- 3 Bant** : Dielektrik ve higroskopik olmayan özel bant
- 4 Dolgu** : PVC bileşik (Y)
- 5 Ekran** : Çift kat bakır bant (C2)
- 6 İç Kılıf** : ST3, polietilen bileşik (2Y)
- 7 Zırh** : Çift kat galvanizli çelik bant (B2)
- 8 Dış Kılıf** : ST3, polietilen bileşik (2Y)

»» Construction

- Conductor** : Electrolytic, annealed, bare copper conductor, Class 1
Insulation : Cross-linked polyethylene - XLPE (2X)
Tape : Dielectric and non-hygroscopic special tape
Bedding : PVC compound (Y)
Screen : Double layer copper tape (C2)
Inner Sheath : ST3, polyethylene compound (2Y)
Armour : Double layer galvanized steel tape (B2)
Outer Sheath : ST3, polyethylene compound (2Y)

»» Teknik Özellikler

- Anma Gerilimi** : 0,6/1 kV
Test Gerilimi : 3,5 kV
Çalışma Sıcaklığı : -40°C / +90 °C
Bükülme Yarıçapı : 12 x Dış Çap
Uygulama : Demiryollarında, sinyal iletiminde sabit olarak kullanılır.
Yapım & Test Standardı : IEC 60502-1, TCDD teknik şartnamesi

»» Technical Features

- Rated Voltage** : 0,6/1 kV
Test Voltage : 3,5 kV
Temperature Range : -40°C / +90 °C
Bending Radius : 12 x Outer Diameter
Application : Used fixed in railways for signalization applications.
Standards of Design & Tests : IEC 60502-1, TCDD technical specification

İzole ve dış kılıf renkleri müşteri isteğine göre değiştirilebilir. / Insulation and outer sheath colors can be modified upon customer's request.

Kesit- Cross-section (mm ²)	Cu Faktör Cu Factor kg/km	Ağırlık (yaklaşık) Weight (approx) (kg/km)	Dış Çap (yaklaşık) Outer Dia. (approx) (mm)	20 °C'da MCDR MCDR at 20 °C (Ω/km)	90 °C CT'de, 45 °C AT'de MCCC MCCC CT at 90 °C, CT at 45 °C AT (A)
2 x 0.75	91	582	17.1	24.5	13
3 x 0.75	102	610	17.5	24.5	11
4 x 0.75	115	657	18.2	24.5	11
5 x 0.75	129	711	19.0	24.5	8
6 x 0.75	144	768	19.8	24.5	8
7 x 0.75	151	770	19.8	24.5	8
8 x 0.75	173	889	21.4	24.5	7
9 x 0.75	180	892	21.4	24.5	7
10 x 0.75	197	972	22.4	24.5	7
12 x 0.75	214	1008	22.9	24.5	7
14 x 0.75	234	1067	23.6	24.5	7
16 x 0.75	255	1148	24.7	24.5	7
18 x 0.75	277	1218	25.5	24.5	7
19 x 0.75	283	1220	25.5	24.5	7
20 x 0.75	298	1292	26.3	24.5	7
24 x 0.75	343	1464	28.2	24.5	7
27 x 0.75	367	1509	28.6	24.5	6
33 x 0.75	422	1659	30.1	24.5	6
37 x 0.75	457	1745	30.9	24.5	6
48 x 0.75	561	2131	34.8	24.5	5
61 x 0.75	671	2406	37.0	24.5	5
2 x 1	98	604	17.4	18.1	15
3 x 1	111	636	17.8	18.1	13
4 x 1	127	687	18.6	18.1	13
5 x 1	144	746	19.4	18.1	10
6 x 1	161	809	20.2	18.1	10
7 x 1	170	812	20.2	18.1	9
8 x 1	196	941	21.9	18.1	9
9 x 1	205	946	21.9	18.1	9
10 x 1	225	1034	23.0	18.1	9
12 x 1	247	1075	23.5	18.1	9

S-2XYC22YB22Y

Kesit- Cross-section (mm ²)	Cu Faktör Cu Factor kg/km	Ağırlık (yaklaşık) Weight (approx) (kg/km)	Dış Çap (yaklaşık) Outer Dia. (approx) (mm)	20 °C'da MCDR MCDR at 20 °C (Ω/km)	90 °C CT'de, 45 °C AT'de MCCC MCCC CT at 90 °C, CT at 45 °C AT (A)
14 x 1	272	1156	24.6	18.1	9
16 x 1	298	1231	25.4	18.1	9
18 x 1	324	1309	26.3	18.1	9
19 x 1	333	1313	26.3	18.1	9
20 x 1	350	1392	27.1	18.1	9
24 x 1	405	1584	29.1	18.1	9
27 x 1	436	1637	29.5	18.1	8
33 x 1	505	1807	31.1	18.1	8
37 x 1	549	1906	31.9	18.1	8
48 x 1	680	2337	36.0	18.1	6
61 x 1	823	2699	38.8	18.1	6
2 x 1.5	113	645	17.9	11.9	20
3 x 1.5	131	684	18.4	11.9	16
4 x 1.5	153	745	19.2	11.9	16
5 x 1.5	175	814	20.1	11.9	13
6 x 1.5	198	887	21.0	11.9	13
7 x 1.5	212	894	21.0	11.9	11
8 x 1.5	244	1043	22.9	11.9	11
9 x 1.5	258	1051	22.9	11.9	11
10 x 1.5	283	1168	24.5	11.9	11
12 x 1.5	315	1221	25.0	11.9	11
14 x 1.5	351	1303	25.8	11.9	11
16 x 1.5	387	1394	26.7	11.9	11
18 x 1.5	423	1489	27.6	11.9	11
19 x 1.5	437	1496	27.6	11.9	11
20 x 1.5	460	1589	28.6	11.9	11
24 x 1.5	536	1820	30.7	11.9	11
27 x 1.5	582	1889	31.2	11.9	11
33 x 1.5	681	2102	32.9	11.9	10
37 x 1.5	745	2275	34.6	11.9	10
48 x 1.5	936	2794	38.6	11.9	8

Kesit- Cross-section (mm ²)	Cu Faktör Cu Factor kg/km	Ağırlık (yaklaşık) Weight (approx) (kg/km)	Dış Çap (yaklaşık) Outer Dia. (approx) (mm)	20 °C'da MCDR MCDR at 20 °C (Ω/km)	90 °C CT'de, 45 °C AT'de MCCC MCCC CT at 90 °C, CT at 45 °C AT (A)
61 x 1.5	1140	3200	41.2	11.9	8
2 x 2.5	140	739	19.2	7.41	26
3 x 2.5	167	790	19.8	7.41	21
4 x 2.5	198	871	20.8	7.41	21
5 x 2.5	230	961	21.8	7.41	17
6 x 2.5	262	1058	22.9	7.41	17
7 x 2.5	283	1069	22.9	7.41	15
8 x 2.5	326	1278	25.6	7.41	15
9 x 2.5	348	1291	25.6	7.41	15
10 x 2.5	383	1427	27.1	7.41	15
12 x 2.5	431	1502	27.7	7.41	15
14 x 2.5	483	1613	28.6	7.41	15
16 x 2.5	536	1736	29.7	7.41	15
18 x 2.5	590	1866	30.8	7.41	15
19 x 2.5	611	1877	30.8	7.41	15
20 x 2.5	643	2001	32.0	7.41	15
24 x 2.5	754	2364	35.4	7.41	15
27 x 2.5	823	2462	35.9	7.41	15
33 x 2.5	975	2805	38.4	7.41	13
37 x 2.5	1071	2982	39.5	7.41	13
48 x 2.5	1347	3643	43.8	7.41	11
61 x 2.5	1655	4307	48.2	7.41	11

MCCC: Maksimum Akım Taşıma Kapasitesi / *Maximum Current Carrying Capacity*

CT: İletken Sıcaklığı / *Conductor Temperature*

AT: Ortam Sıcaklığı / *Ambient Temperature*

MCDR: Maksimum Dc İletken Direnci / *Max. Conductor Dc Resistance*