

S-2YYC22YB2Y

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



»» Yapı

- 1 **İletken** : Elektrolitik, tavlı, çıplak bakır iletken, Sınıf 1
- 2 **İzolasyon** : Polietilen - PE (2Y)
- 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** : ST1, PVC bileşik (Y)

»» Teknik Özellikler

Anma Gerilimi	: 0,6/1 kV
Test Gerilimi	: 3,5 kV
Çalışma Sıcaklığı	: -15°C / +70 °C
Bükülme Yarıçapı	: 12 x Dış Çap
Uygulama	: Demiryollarında, sinyal iletiminde sabit olarak kullanılır.
Yapım & Test Standardı	: IEC 60502-1, TCDD teknik şartnamesi

»» Construction

Conductor	: Electrolytic, annealed, bare copper conductor, Class 1
Insulation	: Polyethylene - PE (2Y)
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	: ST1, PVC compound (Y)

»» Technical Features

Rated Voltage	: 0,6/1 kV
Test Voltage	: 3,5 kV
Temperature Range	: -15°C / +70 °C
Bending Radius	: 12 x Dış Çap
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	630	17.1	24.5	13
3 x 0.75	102	660	17.5	24.5	11
4 x 0.75	115	709	18.2	24.5	11
5 x 0.75	129	765	19.0	24.5	8
6 x 0.75	144	824	19.8	24.5	8
7 x 0.75	151	827	19.8	24.5	8
8 x 0.75	173	951	21.4	24.5	7
9 x 0.75	180	954	21.4	24.5	7
10 x 0.75	197	1037	22.4	24.5	7
12 x 0.75	214	1075	22.9	24.5	7
14 x 0.75	234	1136	23.6	24.5	7
16 x 0.75	255	1227	24.7	24.5	7
18 x 0.75	277	1300	25.5	24.5	7
19 x 0.75	283	1302	25.5	24.5	7
20 x 0.75	298	1376	26.3	24.5	7
24 x 0.75	343	1556	28.2	24.5	7
27 x 0.75	367	1602	28.6	24.5	6
33 x 0.75	422	1757	30.1	24.5	6
37 x 0.75	457	1846	30.9	24.5	6
48 x 0.75	561	2255	34.8	24.5	5
61 x 0.75	671	2539	37.0	24.5	5
2 x 1	98	653	17.4	18.1	15
3 x 1	111	686	17.8	18.1	13
4 x 1	127	740	18.6	18.1	13
5 x 1	144	802	19.4	18.1	10
6 x 1	161	867	20.2	18.1	10
7 x 1	170	870	20.2	18.1	9
8 x 1	196	1005	21.9	18.1	9
9 x 1	205	1010	21.9	18.1	9
10 x 1	225	1101	23.0	18.1	9
12 x 1	247	1144	23.5	18.1	9
14 x 1	272	1235	24.6	18.1	9

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16 x 1	298	1312	25.4	18.1	9
18 x 1	324	1394	26.3	18.1	9
19 x 1	333	1398	26.3	18.1	9
20 x 1	350	1479	27.1	18.1	9
24 x 1	405	1678	29.1	18.1	9
27 x 1	436	1733	29.5	18.1	8
33 x 1	505	1909	31.1	18.1	8
37 x 1	549	2010	31.9	18.1	8
48 x 1	680	2466	36.0	18.1	6
61 x 1	823	2839	38.8	18.1	6
2 x 1.5	113	696	17.9	11.9	20
3 x 1.5	131	736	18.4	11.9	16
4 x 1.5	153	800	19.2	11.9	16
5 x 1.5	175	872	20.1	11.9	13
6 x 1.5	198	948	21.0	11.9	13
7 x 1.5	212	955	21.0	11.9	11
8 x 1.5	244	1110	22.9	11.9	11
9 x 1.5	258	1118	22.9	11.9	11
10 x 1.5	283	1246	24.5	11.9	11
12 x 1.5	315	1302	25.0	11.9	11
14 x 1.5	351	1386	25.8	11.9	11
16 x 1.5	387	1480	26.7	11.9	11
18 x 1.5	423	1579	27.6	11.9	11
19 x 1.5	437	1586	27.6	11.9	11
20 x 1.5	460	1681	28.6	11.9	11
24 x 1.5	536	1920	30.7	11.9	11
27 x 1.5	582	1991	31.2	11.9	11
33 x 1.5	681	2210	32.9	11.9	10
37 x 1.5	745	2398	34.6	11.9	10
48 x 1.5	936	2933	38.6	11.9	8
61 x 1.5	1140	3349	41.2	11.9	8

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2 x 2.5	140	794	19.2	7.41	26
3 x 2.5	167	847	19.8	7.41	21
4 x 2.5	198	931	20.8	7.41	21
5 x 2.5	230	1024	21.8	7.41	17
6 x 2.5	262	1125	22.9	7.41	17
7 x 2.5	283	1136	22.9	7.41	15
8 x 2.5	326	1361	25.6	7.41	15
9 x 2.5	348	1374	25.6	7.41	15
10 x 2.5	383	1515	27.1	7.41	15
12 x 2.5	431	1591	27.7	7.41	15
14 x 2.5	483	1706	28.6	7.41	15
16 x 2.5	536	1832	29.7	7.41	15
18 x 2.5	590	1966	30.8	7.41	15
19 x 2.5	611	1978	30.8	7.41	15
20 x 2.5	643	2105	32.0	7.41	15
24 x 2.5	754	2490	35.4	7.41	15
27 x 2.5	823	2591	35.9	7.41	15
33 x 2.5	975	2943	38.4	7.41	13
37 x 2.5	1071	3125	39.5	7.41	13
48 x 2.5	1347	3802	43.8	7.41	11
61 x 2.5	1655	4510	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*