

Teknik Veriler / Technical Data

 Çalışma gerilimi Operating voltage 0,6/1 kV	 Çalışma sıcaklığı Operating temperature -30 ...+90°C	 Bükme yarıçap Bending radius Min. 10xØ	 Yağlara dayanım Oil resistance DIN VDE 0473-811-2.1
 Test gerilimi Test voltage 2500 V	 Kısa devre sıcaklığı Max. Short-circuit temperature Max. 250°C	 Max. Kalıcı çekme yükü Max. Permanent tensile load 15 N/mm ²	 Ozona Dayanım Ozone Resistance EN 60811-2-1,HD 22.2.
 Referans standart Reference standard DIN VDE 0250 part 812	 Akım taşıma kapasitesi Current carrying capacity DIN VDE0298-4, HD 516		

NSSHÖU

0,6/1 kV



Kullanım Alanları

Hareketli araçları ve makineleri bağlayan kauçuk kılıflı kablolardır. Kuru, nemli ve ıslak ortamlarda kullanıma uygundur. Yağa, ozona, asitlere, aşınmaya, sıcaklığa ve kimyasallara olan yüksek dayanımları sayesinde zorlu çevresel şartlar altında bile dayanıklı ve uzun ömürlü kablolardır. Madencilik endüstrisinde, şantiyelerde; kapalı ve açık alanlarda kullanıma uygundur. Sabit tesisatlarda da kullanılabilirler.

Applications

Heavy duty rubber sheathed cable for very high mechanical demands to connect moving implements and machines. They are suitable for use in dry, humid and wet environments. Thanks to their high resistance against ozone, abrasion, hot penetration, oils and chemicals; these cables are durable under excessive conditions. They are preferred for mining industry, surface mining, building lots, indoor and outdoor. They are also applicable in fixed installation.

Kablo Yapısı / Cable Structure

Uygulanan Testler / Applied Tests

İletken Conductor	: Bükülü tavlı bakır teller (DIN VDE 0295 Class 5) : Stranded bare copper wires (DIN VDE 0295 Class 5)	Yapısal boyut testleri Structural dimension tests	: HD 22.1,2, DIN VDE 0472-401,402
İzolasyon Insulation	: Kauçuk (DIN VDE 0207 Teil 20 / 3GI3) : Rubber (DIN VDE 0207 Teil 20 / 3GI3)	Mekanik testler Mechanical tests	: DIN VDE 472-602,303,615,803,805 DIN VDE 0473 - 811-2,1
İzolasyon renkleri: Insulation colors	: DIN VDE 0293	Elektriksel testler Electrical tests	: HD 22.2, DIN VDE 0472-501, 502, 503
İç kılıf Inner sheath	: Kauçuk (DIN VDE 0207 Teil 21 / GM1b) : Rubber (DIN VDE 0207 Teil 21 / GM1b)	Düşük sıcaklık testleri Low temperature tests	: EN 60811-1-4
Kılıf Sheath	: Kauçuk (DIN VDE 0207 Teil 21 / 5GM5) : Rubber (DIN VDE 0207 Teil 21 / 5GM5)	Yangın performans testleri: Fire performance tests	: DIN VDE 0472-804
Renk Color	: Sarı : Yellow		

Damar Sayısı x İletken Kesiti (mm ²)	Dış Çap (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm ²)	Outer Diameter (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
1 X 16	11,5	154,0	336,0
1 X 25	14,5	240,0	473,0
1 X 35	15,5	336,0	635,0
1 X 50	18,0	480,0	866,0
1 X 70	20,5	672,0	1.145,0
1 X 95	23,0	912,0	1.475,0
1 X 120	25,0	1.152,0	1.832,0
1 X 150	28,0	1.440,0	2.000,0
1 X 185	30,0	1.776,0	2.450,0
1 X 240	33,0	2.304,0	3.190,0
2 X 2,5	13,2	48,0	205,0
3 G 1,5	12,0	43,0	173,0

* G = Sarı/yeşil toprak damarlı, X = Toprak damarsız
* Standart ambalajlama
Kangal < 30 kg ve 250 mt < Makara
* Akım taşıma kapasiteleri için teknik eklere bakınız

Damar Sayısı x İletken Kesiti (mm ²)	Dış Çap (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm ²)	Outer Diameter (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
3 G 2,5	13,2	72,0	247,0
3 G 4	16,0	115,0	336,0
3 G 6	17,0	173,0	520,0
4 G 1,5	12,7	58,0	210,0
4 G 2,5	15,4	96,0	305,0
4 G 4	17,4	154,0	415,0
4 G 6	18,6	230,0	641,0
4 G 10	23,0	384,0	1.113,0
4 G 16	26,7	614,0	1.412,0
4 G 25	33,0	960,0	2.095,0
4 G 35	36,0	1.344,0	2.777,0
4 G 50	42,0	1.920,0	3.817,0

* G = With green/yellow earth core, X = without earth core
* Standard packaging
Coil < 30 kg and 250 mt < Drum
* See the technical annexes for current carrying capacities