

Application

- ✓ Suitable for railed Vehicles.
- ✓ Used in all Electrical Connections.

Product Construction

- ✓ Conductor: Fine Tinned Copper Strand Wires.
- ✓ Insulation: Polyolefin Copolymer Compound.
- ✓ Inner Sheath: Black Elastomer Compound.
- ✓ Braiding: Tinned Copper Wire.
- ✓ Outer Sheath: Black Elastomer Compound.

Technical Data

- ✓ Temperature Range:
 - Fixed Installations : - 60°C to +120°C
 - Occasionally Moved : - 25°C to +90°C
 - Short Circuit : +200°C
- ✓ Test Voltage : 6.5 kV
- ✓ Bending Radius(Minimum):
 - <10 mm: Fixed Installations : >5 x Cable Diameter.
 - Occasionally Moved : >7 x Cable Diameter.
 - >10 mm: Fixed Installations : >6 x Cable Diameter.
 - Occasionally Moved : >8 x Cable Diameter.
- ✓ Rated Voltage:(U₀/U)
 - AC 1.8/3(3.6) kV
 - DC 2.7 kV

Features

- ✓ Assures High Electrical Strength and Mechanical Durability.
- ✓ Highly Resitive to Oil,Short Circuit and Earth Faults.
- ✓ Electron Beam Cross Linked Insulation.
- ✓ Flexibility,thin and Optimized Weight.

ISO 9001	ISO 14001	AS 9100	ISO 45001

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6381007	1	5.66	21.20	47.79
6381307	1.5	5.94	26.26	55.06
6381607	2.5	7.00	42.80	83.42
6381907	4	8.15	59.80	115.19
6382307	6	8.74	81.60	143.21
6382707	10	10.87	126.00	223.20
6382807	16	11.96	193.00	304.57
6383007	25	14.45	288.00	451.80
6383207	35	16.11	391.00	581.86
6383407	50	18.83	567.00	828.91
6383707	70	20.60	779.00	1074.36
6383807	95	23.44	1023.00	1407.85
6384107	120	25.10	1277.00	1697.61
6384207	150	27.95	1576.00	2102.53
6384407	185	30.84	1976.00	2621.40
6384607	240	34.67	2512.00	3316.02
6384807	300	36.51	3106.00	4012.60

