

ENVIRONMENTAL CONDITION	Ambient Temperature	Max.	Min.																											
	Humidity																													
RELEVANT STANDARD	IPS-M-TP-750	Cathodic Protection Cables																												
APPLICATION	In Cable Tray	<input type="checkbox"/>																												
	In Conduit	<input type="checkbox"/>																												
	Concrete Trench	<input type="checkbox"/>																												
	Soil Application	<input type="checkbox"/>																												
CONDUCTOR	Material	<input checked="" type="checkbox"/> Purity copper																												
	Shape	<input checked="" type="checkbox"/> Stranded																												
	Characteristics	<input checked="" type="checkbox"/> Soft & Annealed																												
STRANDS	Circular	<input type="checkbox"/>																												
SIZE & STRANDS & MAXIMUM RESISTANCE AT 20°C	<table border="1"> <thead> <tr> <th>Nominal Cross-Sectional Area (mm²)</th> <th>Minimum Number Of Wires In Conductor</th> <th>Maximum Resistance Of Conductor At 20°C ohm/km</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> 4</td> <td>7</td> <td>4.52</td> </tr> <tr> <td><input type="checkbox"/> 6</td> <td>7</td> <td>3.02</td> </tr> <tr> <td><input type="checkbox"/> 10</td> <td>7</td> <td>1.79</td> </tr> <tr> <td><input checked="" type="checkbox"/> 16</td> <td>7</td> <td>1.13</td> </tr> <tr> <td><input checked="" type="checkbox"/> 25</td> <td>7</td> <td>0.712</td> </tr> <tr> <td><input checked="" type="checkbox"/> 35</td> <td>7</td> <td>0.514</td> </tr> <tr> <td><input type="checkbox"/> 50</td> <td>19</td> <td>0.379</td> </tr> <tr> <td><input type="checkbox"/> 70</td> <td>19</td> <td>0.262</td> </tr> </tbody> </table>			Nominal Cross-Sectional Area (mm ²)	Minimum Number Of Wires In Conductor	Maximum Resistance Of Conductor At 20°C ohm/km	<input type="checkbox"/> 4	7	4.52	<input type="checkbox"/> 6	7	3.02	<input type="checkbox"/> 10	7	1.79	<input checked="" type="checkbox"/> 16	7	1.13	<input checked="" type="checkbox"/> 25	7	0.712	<input checked="" type="checkbox"/> 35	7	0.514	<input type="checkbox"/> 50	19	0.379	<input type="checkbox"/> 70	19	0.262
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INSULATING	Cross – linked Polyethylene (XLPE)	<input checked="" type="checkbox"/>
	Polyvinyl Chloride (PVC)	<input type="checkbox"/>
	High Molecular Weight Polyethylene (HMWPE)	<input type="checkbox"/>
	Polyvinyl de Fluoride (PVDF)	<input type="checkbox"/>
Metallic Sheath	Pure Lead	<input type="checkbox"/>
	Alloy Lead	<input type="checkbox"/>
	reinforced lead	<input type="checkbox"/>
ARMOUIED	Aluminium Wire Anode (AWA)	<input checked="" type="checkbox"/>
	Steel Wire Anode (SWA)	<input type="checkbox"/>
SHEATH	Cross – linked Polyethylene (XLPE)	<input type="checkbox"/>
	Polyvinyl Chloride (PVC)	<input checked="" type="checkbox"/>
	High Molecular Weight Polyethylene (HMWPE)	<input type="checkbox"/>
	Polyvinyl de Fluoride (PVDF)	<input type="checkbox"/>
INSPECTION & TEST	Dimensions and Constructions	<input checked="" type="checkbox"/>
	Dielectric strength of Insulation	<input checked="" type="checkbox"/>
	Electrical resistance of conductor	<input checked="" type="checkbox"/>
	Insulation resistance	<input checked="" type="checkbox"/>
	Voltage test	<input checked="" type="checkbox"/>
PACKING	Wooden drum	<input type="checkbox"/>
	Anti-damage wooden boarding	<input type="checkbox"/>
	Shrinkage of top & end of cable	<input type="checkbox"/>