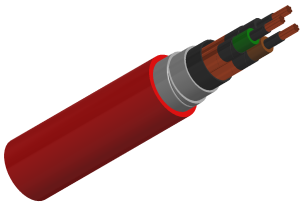
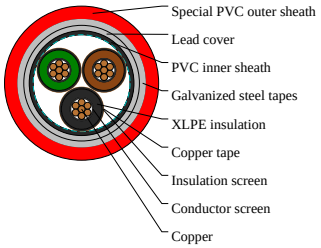
Caledonian
Cables For Oil Industry
www.caledonian-cables.com marketing@caledonian-cables.com

Medium Voltage XLPE Insulated Galvanized Steel Tape Armored Cable with Lead Cover to IEC 60502-2

XLPE Insulated Galvanized Steel Tape Armored Cable with Lead Cover 3C25





APPLICATIONS

These cables are suitable for installation mostly in power supply stations, indoors and in cable ducts, outdoors, underground and in water as well as for installation on cable trays for industries, switchboards and power stations, where require chemical and mechanical protection. The lead cover brings an enhanced resistance to aromatic hydrocarbon.

STANDARDS

IEC 60228; IEC 60502-2

VOLTAGE RATING

3.6 / 6 (7.2) KV

CABLE CONSTRUCTION

Conductor: Stranded bare copper (class 2)
Conductor screen: This will be an extruded layer of semi-conducting crosslinkable compound applied under simultaneous triple extrusion process over the conductor along with the insulation and the insulation screen
Insulation: XLPE
Insulation screen: This will be a layer of semi-conducting crosslinkable compound which will be applied by triple extrusion process over the insulation
Inner sheath: PVC
Lead cover
Armor: Galvanized steel tapes
Sheath: Special PVC. Color: red. U.V resistance can be offered upon request

COLOUR CODE

3 Cores: Black, Green, Brown

PHYSICAL AND THERMAL PROPERTIES

Fire retardance: IEC 60332-3-22
Operating temperature: -20~60°C
Max. conductor operating temperature: 90°C

Caledonian
Cables For Oil Industry
www.caledonian-cables.com marketing@caledonian-cables.com

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

DIMENSION AND PARAMETERS

No. of Cores	Nominal Cross-sectional Area	Nominal Diameter over Insulation	Diameter Over Inner Sheath	Diameter over Lead Sheath	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Diameter Over Armour	Diameter over Screen	Approx. Weight
	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km
3	25	12.3	33.3	36.7	46.1	50.8	40.5	13.7	5486