



EEMUA 133 Lead covered armoured Power Cables to BS 5467, 1900/3300V

Application

These power and control cables are well adapted to underground use in industrial applications, in moist areas, where hydrocarbon and mechanical protections are needed and are protected against solvent penetration and corrosive attacks. The lead cover brings an enhanced resistance to aromatic hydrocarbons.

Construction

Conductor	Stranded copper conductor, Class 2 to BS 6460, IEC 60228.
Insulation	XLPE (Cross-Linked Polyethylene) Type GP 8 or ethylene propylene rubber (GP 6)
Colour Code	3 Cores: Brown, Black, Grey
Bedding	PVC (Polyvinyl Chloride)
Protection	LC (Lead alloy 'E') sheathed
Inner Sheath	PVC (Polyvinyl Chloride)
Armour	Multi Core: SWA (Steel Wire Armour)
Outer Sheath	PVC(Polyvinyl Chloride), or anti-rodent and anti-termite PVC(optional)

Technical Information

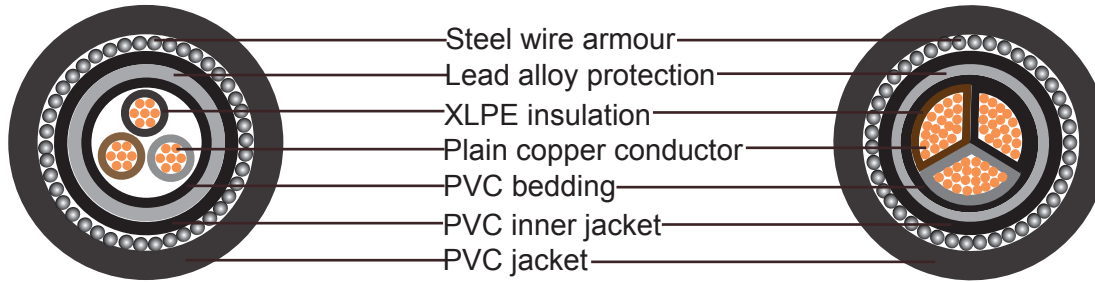
Voltage rating	1900/3300V
Temperature rating	0°C to +90°C
Bending radius	12 x overall diameter
Flame retardant	IEC60332 part 1, BS4066 part 1





Cable Parameter

Three-core 1900/3300 V cables with lead sheath



Nominal Cross-sectional Area	Strand Type	Nominal Insulation thick-ness	Nominal Lead sheath thick-ness	Nominal Inner Sheath thick-ness	Nominal Steel Wire Armor dia.	Nominal Outer Sheath thick-ness	Approx. Overall Diameter	Approx Weight
mm ²	No./mm	mm	mm	mm	mm	mm	mm	kg/km
3x16	7/1.70	2	1.3	1	1.6	1.8	31.8	2750
3x25	7/2.14	2	1.4	1	1.6	1.8	34.9	3412
3x35	7/2.52	2	1.5	1	1.6	1.9	37.6	4045
3x50*	19/1.78	2	1.5	1.2	2	2	40.2	4822
3x70*	19/2.14	2	1.5	1.2	2	2.1	41.7	5560
3x95*	19/2.52	2	1.6	1.2	2	2.2	43.5	6582
3x120*	37/2.03	2	1.7	1.4	2.5	2.3	50.4	8440
3x150*	37/2.25	2	1.8	1.4	2.5	2.4	52.7	9540
3x185*	37/2.52	2	1.9	1.4	2.5	2.5	56.6	11272
3x240*	61/2.25	2	2	1.6	2.5	2.6	62.3	13819
3x300*	61/2.52	2	2.2	1.6	2.5	2.7	66.9	16456
3x400*	61/2.85	2	2.3	1.6	2.5	2.9	71.4	20900

* Shaped stranded conductor

