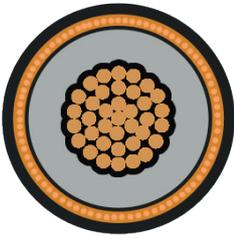




33KV SINGLE CORE MDPE SERVICE CABLE



APPLICATION

Single core high voltage cable Suitable for power networks, underground, outdoors and installation in cable ducting. Conforms to BS 7870-4.10.

CABLE STANDARDS

BS 7870-4.10

CONSTRUCTION

- Conductor:** Stranded Copper Conductors
- Insulation:** Cross Link Polyethylene (XLPE)
- Optional Tape:** Semi-Conductive Water Blocking Tape
- Metallic Screen:** Copper Wire Screen
- Separator:** Copper Tape (O.H),
- Optional Separator:** Non-Conductive Water Blocking Tape
- Sheath:** Medium Density Polyethylene (MDPE)
- Sheath Colour:** **Black**

CHARACTERISTICS

- Voltage Rating:** U₀/U 19KV / 33KV
- Maximum Voltage:** 36KV
- Test Voltage:** 75KV
- Partial Discharge:** Level with voltage 2U₀ KV max. 5pC

Temperature Limits:

- Maximum perm conductor temp** 90°C
- Maximum perm operating temp** 130°C
- Short Circuit temp** 250°C

Minimum Bending Radius: As per cable manufacturer datasheet

Should not be installed at temperatures below 0°C

For more information contact:
01642 241 133



33KV SINGLE CORE MDPE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE	STRANDING (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	NOMINAL OVERALL DIAMETER (MM)
33KVCU1X70BK	70	1 9/2.11	1	1751	36.50
33KVCU1X95BK	95	19/2.48	1	2043	38.20
33KVCU1X120BK	120	35/2.05	1	2614	39.60
33KVCU1X150BK	150	35/2.28	1	2614	41.20
33KVCU1X185BK	185	35/2.55	1	2997	42.90
33KVCU1X240BK	240	35/2.93	1	3596	45.40
33KVCU1X300BK	300	35/3.28	1	4225	47.80
33KVCU1X400BK	400	56/2.93	1	5069	50.60
33KVCU1X500BK	500	56/3.32	1	6156	53.90
33KVCU1X630BK	630	56/3.77	1	7570	57.60

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

For more information contact:
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