

Copper Concentric PVC Insulated cable



APPLICATION

Used by distribution network operators (DNO's) for single phase when providing the final connection to domestic properties. Also suitable for sub main distribution and particularly used within high-rise buildings and street lighting systems.

CHARACTERISTICS

Voltage Rating U_o/U

0.6/1kV

Temperature Rating

-15°C to +70°C

Minimum Bending Radius

8 x overall diameter

CONSTRUCTION

Conductor

Class 2 stranded copper conductor

Insulation

PVC (Polyvinyl Chloride)

Concentric layer

Annealed copper wire wound uniformly in a single round layer right hand lay.

Sheath

PVC (Polyvinyl Chloride)

Sheath Colour

● Black

CABLE THIRD-PARTY ACCREDITATION

Cables are tested and accredited by Kenya Bureau and Standards (KEBS).

STANDARDS

KS –IEC 60228, KS - KSO4 1022

Flame Retardant according to IEC/EN 60332-1-2



DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
1	4	8.5	140
1	16	12	370
1	25	14	550

CONSTRUCTION

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km	MAXIMUM DC RESISTANCE OF CONCENTRIC CONDUCTOR AT 20°C ohms/km
4	4.61	4.8
16	1.15	1.2
25	0.727	0.76

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITY Amps		
	In Air	Clipped Direct	Enclosed in Conduit on a Wall
4	42	41	37
16	100	99	88
25	135	130	117

Conductor Operating Temperature: 90°C

Ambient Temperature: 30°C

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale



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