AI URD Cables

Contact

Sales Enquiries Phone: 0508 NEXANS sales.nz@nexans.com

Al Conductors, XLPE insulation, Black PVC Sheath, 0.6/1 kV. Made to AS/NZS 4026

DESCRIPTION

Application

• Recommended for use in Underground Residential Distribution Systems.



STANDARDS

National AS/NZS 4026

CHARACTERISTICS

Construction characteristics	
Conductor material	Aluminum
Insulation	XLPE
Outer sheath	PVC
Electrical characteristics	
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Usage characteristics	
Max. conductor temperature in service	90 °C



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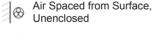
PRODUCT LIST

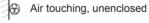
Nexans ref.	Country ref.	Nb. of cores		Max. DC resist. of cond. at 20°C (Ohm/km)	Nom. overall diam. [mm]	Approx. weight [kg/m]	Type of conductor
XDDH39AA004CXAA	8086	4	50	0.641	29.1	0.94	Circular compacted stranded
XDDG20AA004CXAA	6325	4	70	0.443	31.4	1.25	Sector-shaped, stranded
XDDG21AA004CXAA	4388	4	95	0.32	36.0	1.62	Sector-shaped, stranded
XDDG23AA004CXAA	2221	4	120	0.253	39.1	1.99	Sector-shaped, stranded
XDDG25A5004CXAA	8674.5	4	185	0.164	48.9	3.1	Sector-shaped, stranded
XDDG25AA004CXAA	8674	4	185	0.164	48.9	3.1	Sector-shaped, stranded
XDDG26AA004CXAA	5423	4	240	0.125	54.6	3.91	Sector-shaped, stranded
XDDG27AA004CXAA	4514	4	300	0.1	60.2	4.87	Sector-shaped, stranded

CURRENT CARRYING CAPACITIES THREE PHASE (IN AMPS) - AL URD XLPE

Aluminium conductor Shaped stranded Insulation XLPE Max. Conductor Temperature 90C

Conductor cross-section	⊗	⊗	®	\$		
[mm²]	Al	Al	Al	Al	Al	
50	154	143	116	170	128	
70	196	182	147	209	161	
95	242	224	178	250	194	
120	282	262	211	286	225	
185	374	347	276	364	291	
240	446	413	333	423	345	
300	514	475	-	477	391	
Air Spaced from Surface	1		10			







Buried direct

Buried in single-way duct

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

