



APPLICATION For mains, submains and subcircuits unenclosed, enclosed in conduit, buried direct or in underground ducts for buildings and industrial plants where not subject to mechanical damage. Suitable where space is at a premium and/or where conditions of overload may occur. Suitable for glanding.	STANDARD VOLTAGE	AS/NZS 5000.1 600/1000V
	CONDUCTOR INSULATION	Aluminium 16 – 630mm ² XLPE, X-90 Natural
	SHEATH	PVC, 5V-90 Black
	MAX. OPERATING TEMP.	90°C

Product Code	Conductor		Overall Diameter		Approx. Mass Kg/Km	Minimum Installed Bending Radius mm
	mm ²	(No./mm)	Minimum (mm)	Maximum (mm)		
DC189/X/AL	16	7/1.70	9.5	10	110	40
DC199/X/AL	25	19/1.35	11.55	12.05	160	50
DC1109/X/AL	35	19/1.53	12.45	12.95	225	55
DC1119/X/AL	50	19/1.78	13.9	14.4	260	55
DC1129/X/AL	70	19/2.14	16.1	16.6	330	65
DC1139/X/AL	95	37/1.78	17.86	18.51	420	70
DC1149/X/AL	120	37/2.03	20.01	20.66	510	80
DC1159/X/AL	150	37/2.25	21.95	22.66	640	85
DC1169/X/AL	185	37/2.52	24.44	25.09	775	95
DC1179/X/AL	240	61/2.25	27.45	28.15	990	160
DC1189/X/AL	300	61/2.52	30.28	30.98	1220	175
DC1199/X/AL	400	61/2.85	33.85	34.65	1600	195
DC11109/X/AL	500	61/3.20	37.6	38.4	2000	220
DC11119/X/AL	630	90/3.00	42.16	43.06	2500	245