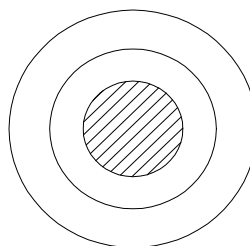




CU/XLPE/PVC Cable Flex Class 5 (600/1000 V)



Document No. : A-T-SA17-0490-8-LV-CXP-1C

Date : 20-Jun-2017

CRF No. : SA17-0490

SCHEDULE OF TECHNICAL PARTICULARS

- Specification : AS/NZS 5000.1
- Temperature rating : 90°C
- Voltage, Uo/U : 600/1000 V.
- Conductor : Plain Annealed Copper Wire
AS/NZS 1125, **Class 5**
- Insulation : Cross-linked Polyethylene, X-90
Natural
- Sheath : RoHS PVC 5V-90
Black

Conductor			Nom. insulation thickness	Nom. sheath thickness	Approx. diameter of cable	Approx. cable weight	Max. conductor resistance at 20°C	Packing			Item Code
Size	No. of strands	Nom. diameter						Length	Wooden drum's dimension (H x W)	Gross Weight	
mm²	No.	mm	mm	mm	mm	kg/km	Ω/km	m/drum	mm x mm	kg/drum	
1C X 16	Class 5	5.1	0.7	1.4	9.3	210	1.15	2,000	1050 x 675	510	1225430016
1C X 25	Class 5	6.4	0.9	1.4	11.0	310	0.727	2,000	1050 x 675	710	1225450016
1C X 35	Class 5	7.2	0.9	1.4	11.8	400	0.524	2,000	1150 x 830	940	1225470016
1C X 50	Class 5	8.4	1.0	1.4	13.2	530	0.387	2,000	1250 x 830	1,240	1265630016
1C X 70	Class 5	10.1	1.1	1.4	15.1	740	0.268	2,000	1450 x 930	1,720	1265650016
1C X 95	Class 5	11.8	1.1	1.5	17.0	1,000	0.193	2,000	1650 x 1100	2,380	1265670016
1C X 120	Class 5	13.4	1.2	1.5	18.8	1,250	0.153	1,000	1350 x 930	1,470	1265690016
1C X 150	Class 5	14.8	1.4	1.6	20.8	1,560	0.124	1,000	1550 x 1080	1,870	1265710016
1C X 185	Class 5	16.6	1.6	1.6	23.0	1,900	0.0991	1,000	1650 x 1100	2,270	1265730016
1C X 240	Class 5	19.0	1.7	1.7	25.8	2,470	0.0754	1,000	1650 x 1110	2,850	1265750016
1C X 300	Class 5	21.3	1.8	1.8	28.5	3,090	0.0601	1,000	1850 x 1180	3,560	1265770016
1C X 400	Class 5	24.1	2.0	1.9	31.9	3,910	0.0470	1,000	2050 x 1180	4,470	1265790016
1C X 500	Class 5	27.1	2.2	2.0	35.5	4,900	0.0366	1,000	2250 x 1150	5,550	1265810016
1C X 630	Class 5	30.8	2.4	2.2	40.0	6,260	0.0283	500	1850 x 1180	3,600	1265830016

- Printing on sheath : MM Cable X-90 ELECTRIC CABLE 600/1000V <Size>mm² CU 1C <PO
No.> <Year>

- Length marking : Yes