



ITEM NUMBER	UNITS	1	2	3
STOCK CODE	-	502488	502489	289645
CONDUCTOR AREA	sq. mm	400	500	240
CONDUCTOR DIAMETER	mm	26.0	29.2	20.3
INSULATION THICKNESS	mm	2.35	2.6	2.25
DIAMETER OVER INSULATION	mm	30.7	34.4	24.2
OVERALL CABLE DIAMETER	mm	34.6	38.5	27.6
CABLE LENGTH ON DRUM	M	250	250	500
MINIMUM BENDING RADIUS	mm	104	115	83
WEIGHT OF CABLE	KG/KM	3797	4777	2342
CONDUCTOR FORM	COPPER, PLAIN ANNEALED, FINE STRANDED, NOT TINNED			
DC RESISTANCE@ 50HZ, 20°C	Ohm/km	0.0486	0.0384	
CURRENT RATING SINGLE CIRCUIT (IN AIR)	A	1079	1260	790
CURRENT RATING TREFOIL (IN AIR)	A	918	1064	670
3Ø VOLTAGE DROP@ 50Hz, 90°C	mV/A.M	0.187	0.172	
SHORT CIRCUIT CURRENT, 1 SEC.	KA	52.8	66	

NOTES:

- EXCEPT WHERE OTHERWISE SPECIFIED THE CABLE SHALL COMPLY WITH AS/NZS1125 AND AS/NZS5000.1.
- THE CABLE SHALL BE PERMANENTLY MARKED WITH MANUFACTURERS IDENTIFICATION, YEAR OF MANUFACTURE AND CROSS SECTIONAL AREA AT INTERVALS ALONG ITS OUTER SHEATH.
- THE CABLE SHALL ALSO HAVE CONSECUTIVE NUMBERS PRINTED ALONG ITS OUTER SHEATH NOMINALLY SPACED AT ONE METER INTERVALS.
- THE CABLE SHALL BE WOUND ON ITS DRUM TO ENSURE THE LEGIBILITY OF NOTES 2 AND 3.
- ALL RATINGS ARE BASED ON 40°C AMBIENT AIR TEMPERATURE.
- ALL CURRENT RATINGS ARE BASED ON AS/NZS3008.
- SHEAR OFF LUGS AND CONNECTORS ARE NOT SUITABLE WITH THIS TYPE OF FLEXIBLE CABLE.

TAG No.	DESCRIPTION
1	CONDUCTOR - FINE STRANDED COPPER - PLAIN ANNEALED NOT TINNED
2	X-HF-110 INSULATION
3	ORANGE, LOW FRICTION OUTER JACKET

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	ITEM 3 ADDED	A.B.	JAN'17	I.B.	B.C.
0	ISSUED FOR CONSTRUCTION	A.T.	JUL'14	B.C.	B.C.
AMENDMENTS					



DES	A. TAYLOR	POWER STANDARD DRAWING	
DRN	A. TAYLOR	CABLES COPPER - SINGLE CORE 0.6/1KV - SDI - FLEXIBLE 110 DEGREE CELSIUS	
CKD	B. CHEUNG		
APPD	B. CHEUNG		
SCALE	N. T. S.		
ISSUED	JUL'2014		
ALL DIM. IN mm		A3	DRAWING NUMBER S02-1-1-41
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	



AMDT