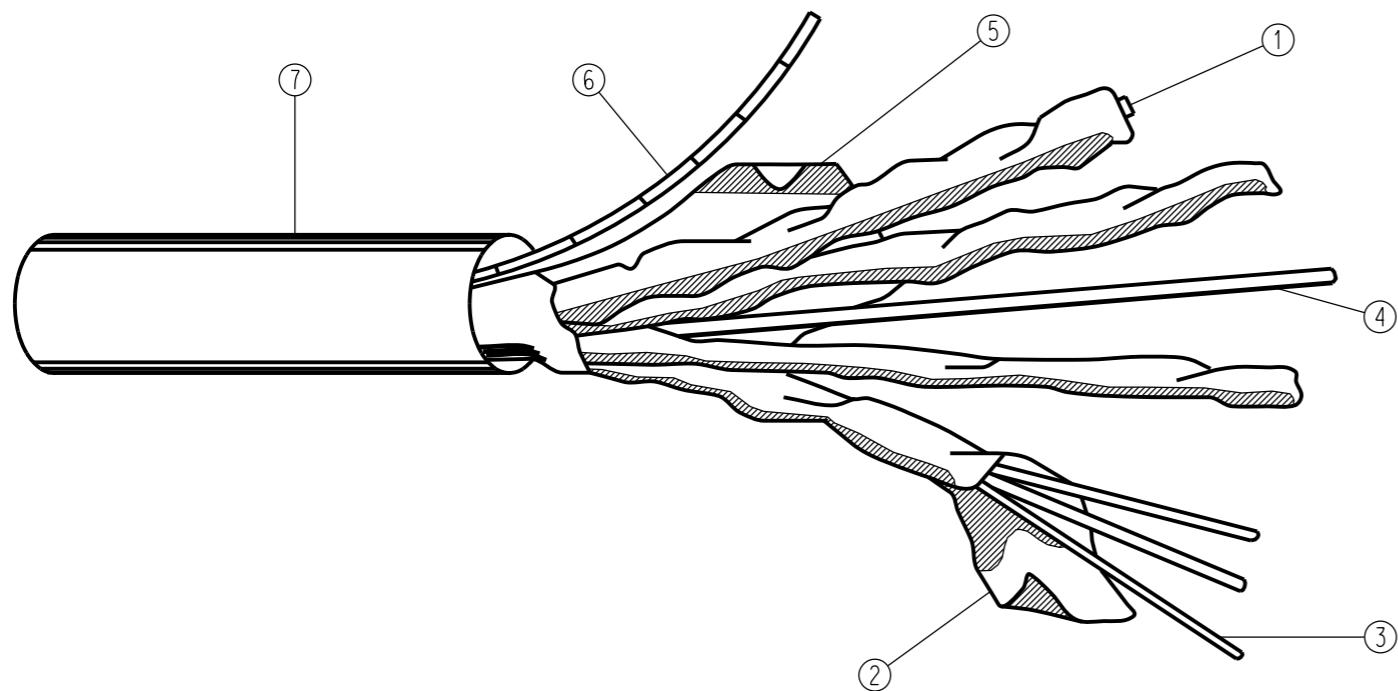


NOTES:

1. CABLE TO AS/NZS 5000.2.
2. THE CABLE MUST BE PERMANENTLY MARKED WITH MANUFACTURERS IDENTIFICATION, YEAR OF MANUFACTURE & VOLTAGE RATING AT INTERVALS ALONG THE OUTER SHEATH.
3. THE CABLE MUST ALSO HAVE ITS LENGTH PRINTED AT INTERVALS ALONG THE SHEATH CONSISTING OF CONSECUTIVE NUMBERS NOMINALLY SPACED AT ONE METRE.
4. CABLES MUST BE WOUND ON DRUM TO ENSURE LEGIBILITY OF INFORMATION IN NOTES 2 & 3.
5. CABLES MUST BE IN COMPLIANCE WITH STSP 05-003.

ITEM	UNITS	1	2	3	4	5
ITEM NUMBER	-	504539	504540	9126	206961	503528
CONDUCTOR AREA	sq.mm	0.5	0.5	0.5	1.5	0.5
CONDUCTOR STRANDING	mm	7/0.30	7/0.30	7/0.30	7/0.50	7/0.30
PULLING TENSION MAX.	kN	0.8	1.0	1.4	0.84	1.9
BENDING RADIUS - DURING INSTALLATION	mm	40	50	80	149	110
BENDING RADIUS - INSTALLED	mm	30	35	50	-	70
DRUM LENGTH MIN.	m	100	100	100	100	100
OUTER DIAMETER	mm	6.4	8.0	14.0	14.5	19.9
NUMBER OF TWISTED PAIRS	-	1	2	4	4	10
PRIMARY INSULATION	-	0.5mm PE		0.4mm EXTRUDED PVC V-90HT		
OUTER SHEATH DETAILS	-	1.1mm EXTRUDED PVC V-90HT				
CABLE SCREEN	-	100% COVERAGE 0.05mm ALUMINIUM NYLAR TAPE SHIELD AND A 22 AWG 7 STRAND TINNED COPPER DRAIN WIRE				
PAIR SCREEN	-	7 STRAND TINNED COPPER DRAIN WIRE 7/0.25mm SCREEN TAPE TO BE APPLIED TO GIVE TOTAL SCREEN ISOLATION FROM ALL OTHER PAIR SCREENS				
GROUP IDENTIFICATION	-	EACH PAIR NUMBERED				
COLOUR CODE	-	BLUE & WHITE		AS 2373 T3 COLOURS OR BLACK & WHITE		
NUMBER OF CONDUCTORS PER GROUP	-	2	2	2	2	2
MASS	Kg/m	0.050	0.070	0.277	-	0.450
DC RATED VOLTAGE	V	450/750	450/750	450/750	450/750	450/750
RATED CURRENT FREE AIR	A	4	4	4	12	4
DC RESISTANCE @ 20 DEG. C	Ohms/100m	4	4	4	1.3	4
IMPEDANCE ALTERNATOR @ 1 kHz	dB/km	1.2	1.2	1.2	1.2	1.2
CAPACITANCE OF PAIRS	pF/m	118	118	250	200	250
CHARACTERISTIC IMPEDANCE	Ohms	320	320	320	-	320



7	EXTRUDED PVC V-90HT OUTER SHEATH
6	OVERALL SCREEN TINNED COPPER DRAIN WIRE
5	ALUMINIUM MYLAR SCREEN OVER CABLE
4	COMMUNICATION WIRE
3	INDIVIDUAL SCREEN COPPER DRAIN WIRE
2	ALUMINIUM MYLAR SCREEN OVER EACH INDIVIDUAL PAIR
1	TWISTED PAIRS OF INSULATED TINNED COPPER TO AS 1125
TAG REFERENCE	DESCRIPTION

14	ADDED ITEMS 1 & 2. RENUMBERED ITEMS. UPDATED TABLES. ADDED NOTES.	A.N.	OCT'21	A.N.	B.V.
13	ADD ITEM 5. CHANGE DRAWING TITLE	C.C.	APR'20	C.C.	B.C.
12	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	JAN'19	C.C.	C.C.
11	REDRAWN IN CAD CABLE DATA UPDATED NOTES ADDED	K.I.	FEB'05	L.P.	C.C.
10	TABLE ALTERED STOCK CODE ADDED	J.A.L	07/95		
9	REDRAWN ITEM 1 REVISED ITEM 4 REDRAWN ON S02-01-01-21	D.A.	06/88		
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					



DES	B.K.	POWER STANDARD DRAWING		
DRN	K.I.	CABLES COPPER - SCREENED PAIRS - 0.5mm ² & 1.5mm ² INSTRUMENTATION - INDOOR		
CKD	C.C.			
APPD	C.C.			
SCALE	NTS			
ISSUED	FEB'05	A3	DRAWING NUMBER	S02-01-01-16
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100			CAD PRODUCT - DO NOT AMEND MANUALLY	

