



- NOTES:**
- USE 150m MAXIMUM SPAN LENGTH ADSS CABLE WITH THIS CONSTRUCTION.
 - 72 OR 144 CORE STANDARD ADSS OPTICAL FIBRE CABLE IS TO BE USED UNDER NORMAL OPERATING CONDITIONS. 72 OR 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE CABLE IS TO BE USED WITH SECONDARY SYSTEMS APPROVAL IN HIGH POLLUTION ENVIRONMENTS & IN LOCATIONS WHERE A HIGH ELECTRIC FIELD EXISTS.
 - FIBERLIGN DIELECTRIC DEADEND ADSSTS-124-SG IS TO BE USED ON THE 72 CORE STANDARD ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DIELECTRIC DEADEND ADSSTS-130-SG IS TO BE USED ON THE 72 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DIELECTRIC DEADEND ADSSTS-190-SG IS TO BE USED ON THE 144 CORE STANDARD ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DIELECTRIC DEADEND ADSSTS-138-SG IS TO BE USED ON THE 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE.
 - FIBERLIGN CABLE ABRASION PROTECTOR PTG-0201 IS TO BE USED ON THE 72 CORE STANDARD ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN CABLE ABRASION PROTECTOR PTG-0203 IS TO BE USED ON THE 72 CORE ANTI-TRACKING, 144 CORE STANDARD & 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLES.
 - FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003042A IS TO BE USED ON THE 72 CORE STANDARD & 72 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLES. FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003052A IS TO BE USED ON THE 144 CORE STANDARD ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003043A IS TO BE USED ON THE 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 150m MAXIMUM SPAN LENGTH CABLE.
 - THE MINIMUM DISTANCE TO THE BOTTOM OF THE CABLE COIL IS 4000mm ABOVE GROUND LEVEL. THE CABLE COIL IS TO BE INSTALLED AS HIGH AS FEASIBLE TO A MAXIMUM HEIGHT OF 7000mm ABOVE GROUND LEVEL. THE MAXIMUM HEIGHT MUST MAINTAIN MINIMUM DISTANCES FROM CONDUCTORS TO ALLOW RETRIEVAL BY UNQUALIFIED STAFF.
 - THE ADSS STORAGE BRACKET MUST CONFORM TO THE MINIMUM NO-LOAD BEND RADIUS OF THE CABLE.
 - A MINIMUM CABLE COIL OF 40m IS TO BE INSTALLED ON THE CABLE STORAGE BRACKET.
 - THE CABLE COIL MUST BE SUITABLY SECURED TO THE CABLE STORAGE BRACKET WITH STAINLESS STEEL CABLE TIES AND THE BOTTOM OF THE COIL MUST BE SECURED TO AVOID SWINGING IN THE WIND.
 - THE CABLE COIL IS TO BE MOUNTED PARALLEL TO ANY ROADWAY WITH A PREFERENCE TO MOUNTING ON THE PROPERTY SIDE OF THE POLE.
 - THE SPLICE ENCLOSURE IS TO BE MOUNTED ABOVE THE CABLE COIL BRACKET WITH APPROXIMATELY A 90° ROTATION BETWEEN THE TWO COMPONENTS.
 - REFER TO DESIGNER SAFETY REPORT D20/474475 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

13	CLOSURE - FIBREGUARD 650, SPLICE (PLP PART No. FG650-248-P) (SEE NOTE 11)	1	
12	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003042A) (SEE NOTE 5)	A/R	
	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003043A) (SEE NOTE 5)		
	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003052A) (SEE NOTE 5)		
11	STRAP - TIEDOWN, CABLE, STAINLESS STEEL, 520x4.6mm (S/C: 182644)	6min	
10	BRACKET - CABLE STORAGE, OPGW, FIBERLIGN (PLP PART No. OFSCCM-01) (SEE NOTES 7 & 9)	1	
9	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-124-SG) (SEE NOTE 3)	2	
	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-130-SG) (SEE NOTE 3)		
	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-138-SG) (SEE NOTE 3)		
	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-190-SG) (SEE NOTE 3)		
8	PROTECTOR - CABLE, ABRASION, FIBERLIGN (PLP PART No. PTG-0201) (SEE NOTE 4)	2	
	PROTECTOR - CABLE, ABRASION, FIBERLIGN (PLP PART No. PTG-0203) (SEE NOTE 4)		
7	THIMBLE - CLEVIS, 70kN (PLP PART No. ACT-27-16)	2	
6	LINKS - ADSS EXTENSION (PLP PART No. GCL-010L-392)	2	
5	BUCKLE - STRAPPING SEAL, 12.7mm, STAINLESS STEEL	A/R	
4	STRAP - BANDIT, 12.7mm, STAINLESS STEEL (LENGTH TO SUIT POLE)	A/R	
3	BAND - POLE, 3 BOLT (TO SUIT POLE)	507741	2
2	SHACKLE - BOW, 70kN, REF.70/S, A.S.1154.2 (S/C: 30890)		2
1	CABLE - OPTICAL FIBRE, 144 CORE, ADSS, ANTI-TRACKING, 150m (SEE NOTES 1 & 2)	A/R	
	CABLE - OPTICAL FIBRE, 144 CORE, ADSS, STANDARD, 150m (SEE NOTES 1 & 2)		
	CABLE - OPTICAL FIBRE, 72 CORE, ADSS, ANTI-TRACKING, 150m (SEE NOTES 1 & 2)		
	CABLE - OPTICAL FIBRE, 72 CORE, ADSS, STANDARD, 150m (SEE NOTES 1 & 2)		
ITEM	DESCRIPTION	DRG. No.	QTY

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	DWN: PATRICIA RIOS	APP'D by: GLENN FORD
	CHKD: ALFRED FREESTONE	DWN: PATRICIA RIOS
DATE: 02/04/2019	CHKD: PHILLIP JONES	
NOTES & MATERIAL LIST AMENDED.	DATE: 10/12/2020	
	EXTRA STRAPS ADDED. NOTES & MATERIAL LIST AMENDED.	
	APP'D by: GLENN FORD	

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:20
DESIGNED	PHILLIP JONES
DRAWN	PATRICIA RIOS
CHECKED	ALFRED FREESTONE
APPROVED	GLENN FORD
DATE	17/11/14
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION

ADSS FIBRE OPTIC CABLE RETROFIT ON CONCRETE POLE

ADSS THROUGH TERMINATION CONSTRUCTION

WITH CABLE STORAGE & SPLICE ENCLOSURE

SPAN LENGTHS UP TO 150m

SIZE	DRAWING No	SHEET	AMD
A3	234589	01	2