



**NOTES :**

1. FIBERLIGN & COYOTE PARTS ARE AVAILABLE FROM PREFORMED LINE PRODUCTS (AUSTRALIA) PTY LTD.
2. FIBERLIGN PARTS TO BE ORDERED TO SUIT SIZE AND LAY OF OPGW.
3. FIBERLIGN SPIRAL VIBRATION DAMPERS TO BE ORDERED TO SUIT OPGW SIZE.
4. QUANTITY OF FIBERLIGN SPIRAL VIBRATION DAMPERS PER SPAN IS AS FOLLOWS:
 

LESS THAN 245m	2 PER SPAN
246 - 485m	4 PER SPAN
486 - 730m	6 PER SPAN
731 - 975m	8 PER SPAN
5. TWO FIBERLIGN SPIRAL VIBRATION DAMPERS MAY BE WRAPPED TOGETHER AT THE SAME LOCATION.
6. OPGW CABLE IS TO BE ATTACHED TO THE TOWER WITH DOWNLEAD CUSHION CLAMPS AT A MAXIMUM SEPARATION OF 1500mm.
7. THE LOCATION OF THE CABLE COIL BRACKET SHOULD ALLOW SUFFICIENT GROUND CLEARANCE TO MAINTAIN THE MINIMUM RADIUS REQUIRED FOR THE CABLE. IT IS RECOMMENDED THAT THE BOTTOM OF THE CABLE COIL BE NO CLOSER THAN 4400mm TO THE GROUND AND ABOVE THE ANTI-CHAMBER.
8. ALLOW SUFFICIENT LENGTH OF OPGW TO ENSURE WORK CAN BE CARRIED OUT ON SPLICE BOX AT GROUND LEVEL. IT IS RECOMMENDED THAT COIL LENGTH WOULD BE THE LENGTH TO GROUND PLUS 15m.
9. IT IS RECOMMENDED THAT THE SPLICE BOX BE ATTACHED TO THE STEEL TOWER NO CLOSER THAN 5500mm FROM THE GROUND.
10. MINIMUM CABLE RADIUS OF OPGW CONDUCTOR IS 500mm.
11. THE CABLE COIL BRACKET IS TO BE ATTACHED TO THE TOWER USING STAINLESS STEEL BANDIT OR J-BOLTS SPECIFIC FOR TOWER MOUNTING AVAILABLE FROM PREFORMED LINE PRODUCTS (AUSTRALIA) PTY LTD.
12. NO DRILLING OF TOWER'S EXISTING EARTHING POINT TO BE USED.
13. DETAIL OF EARTHWIRE PEAK WILL DEPEND ON TOWER TYPE. (ie. VERTICAL OR HORIZONTAL CONFIGURATION)
14. VIBRATION DAMPERS TO BE INSTALLED AS PER DRG: 163179.

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY
12	SHACKLE - BOW, 120kN, REF. 120/S, A.S.1154.2		184208	2
11	LUG - COMPRESSION, MERCURY, 7/4.5AAC	514053	H10257	1
10	CONDUCTOR - MERCURY, 7/4.5AAC		H13433	A/R
9	CLAMP - PARALLEL GROOVE, 3 BOLT	514099	62406	1
8	CASE - SPLICE ASSEMBLY, STAINLESS STEEL, COYOTE (SEE NOTES 1 & 9)			1
7	BRACKET - CABLE COIL, FIBRE OPTIC (SUPPLIED BY PREFORMED LINE PRODUCTS, PLP) (SEE NOTES 7, 8 & 11)			1
6	CLAMP - DOWNLEAD CUSHION, WITH TOWER J-BOLT ATTACHMENT, FIBERLIGN (SEE NOTES 1 & 6)			A/R
5	WASHER - SPRING, M12, GALVANISED	518082	H12047	1
4	WASHER - FLAT, M12, GALVANISED	518081	177982	2
3	BOLT & NUT - M12x40mm, HEX., GALVANISED	515466	46375	1
2	DAMPER - VIBRATION, SPIRAL, FIBERLIGN (SEE NOTES 1, 3, 4, 5 & 14)			A/R
1	DEADEND - TERMINATION ASSEMBLY, FIBERLIGN (SEE NOTES 1 & 2)			2

<p>CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS</p> <p>DWN: PATRICIA RIOS CHKD: PHILLIP NICHOLS</p> <p>DATE: 01/02/2012 NOTES, MATERIAL LIST &amp; DETAIL 1 AMENDED. DETAIL 3 ADDED.</p> <p>APPD by: GLENN FORD DWN: PATRICIA RIOS CHKD: GLENN FORD</p> <p>DATE: 30/11/2012 ITEMS 1 &amp; 7 AMENDED IN MATERIAL LIST.</p> <p>APPD by: GLENN FORD DWN: P.R. CHKD: P.J.</p> <p>DATE: 23/04/2024 NOTES &amp; MATERIAL LIST AMENDED.</p>	<p>SPRAL VIBRATION DAMPERS ATTACHMENT DETAILS</p> <p>163179</p>	<p>ASSOCIATED DRAWINGS</p>	<p>NETWORK STANDARD</p> <p>145 NEWCASTLE RD WALLSEND, NSW 2287</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE</td> <td>NTS</td> </tr> <tr> <td>DESIGNED</td> <td>PAUL STEWART</td> </tr> <tr> <td>DRAWN</td> <td>PATRICIA RIOS</td> </tr> <tr> <td>CHECKED</td> <td>GLENN FORD</td> </tr> <tr> <td>APPROVED</td> <td>STEPHEN CONNOR</td> </tr> <tr> <td>DATE</td> <td>19/12/07</td> </tr> <tr> <td>PROJECT NUMBER</td> <td>STD</td> </tr> <tr> <td>PROJTRAK NUMBER</td> <td>-</td> </tr> </table>	SCALE	NTS	DESIGNED	PAUL STEWART	DRAWN	PATRICIA RIOS	CHECKED	GLENN FORD	APPROVED	STEPHEN CONNOR	DATE	19/12/07	PROJECT NUMBER	STD	PROJTRAK NUMBER	-	<p>STANDARD CONSTRUCTION OPGW THROUGH TERMINATION ARRANGEMENT WITH FIBRE OPTIC SPLICE CASE USING FIBRELIGN FITTINGS FOR STEEL TOWER FEEDERS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SIZE</td> <td>DRAWING No</td> <td>SHEET</td> <td>REV</td> </tr> <tr> <td>A2</td> <td>185404</td> <td>1</td> <td>3</td> </tr> </table>	SIZE	DRAWING No	SHEET	REV	A2	185404	1	3
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