



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 20m.
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 |

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| CAD DRAWING DO NOT MANUALLY AMEND |
| AMENDMENTS |
| DWN: P.R. |
| CHKD: L.D. |
| APPD: G.F. |
| DATE: 13/05/2024 NOTE 8 AMENDED TO 20m INSTEAD OF 15m. |
| 4 |

| | | | | | |
|------------------|----------------|----------|---------------|------------|--|
| NETWORK STANDARD | | SCALE | | NTS | |
| | | DESIGNED | PAUL STEWART | | STANDARD CONSTRUCTION OPGW THROUGH TERMINATION ARRANGEMENT WITH FIBRE OPTIC SPLICE CASE USING FIBRELIGN FITTINGS FOR STEEL TOWER FEEDERS |
| | | DRAWN | PATRICIA RIOS | | |
| CHECKED | GLENN FORD | | | | |
| APPROVED | STEPHEN CONNOR | | | | |
| DATE | 19/12/07 | | | | |
| PROJECT NUMBER | STD | | SIZE | DRAWING No | |
| PROJTRAK NUMBER | - | | A2 | 185404 | |
| SHEET | | 1 | | REV | |
| 4 | | | | 4 | |

| | |
|---|--------|
| SPIRAL VIBRATION DAMPERS ATTACHMENT DETAILS | 163179 |
| ASSOCIATED DRAWINGS | |