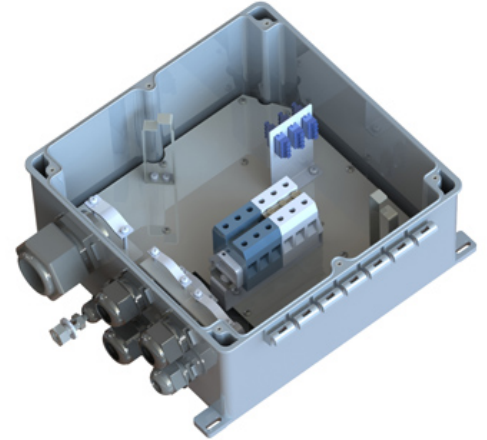




RFS' HYBRIFLEX Remote Radio Head (RRH) hybrid feeder cabling solution combines optical fiber and DC power for RRHs in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and costs at Cellular sites.

The HYBRIFLEX Distribution Box is part of the cabling solution for Remote Radio Units. it may be mounted on a tower, rooftop or other suitable location near the RRUs and acts as an interface between the riser cable and the jumper cables.



**FEATURES / BENEFITS**

- Configured for 1 hybrid riser in, 3 DC power jumpers and 3 fiber jumpers out
- IP65 rated enclosure, allowing for indoor or outdoor installation on a roof or tower top
- M12 pressure equalizing breather valve
- Ground column
- Mounting hardware included
- RoHS Compliant

[External Document Links](#)  
[Installation Guidelines](#)

**Notes**

Included inserts/glands:

- 1 hybrid riser M50 gland with both 28mm and 39mm inserts - support 1 hybrid riser either 7/8 or 1-1/4 nominal cable OD
- 1 optical fiber jumper M25 gland with insert 3 x 7mm holes - supports up to 3 OF jumpers with 6.3mm - 7mm OD
- 3 power jumper M32 glands with both 12.5mm and 21.5mm inserts - supports up to 3 DC power jumpers, and mix of either 12.5mm OD or 21.5mm OD

Included Mounting Hardware Weight 2.13kg (4.7lb)

**Technical features**

**GENERAL SPECIFICATIONS**

|                     |  |           |
|---------------------|--|-----------|
| <b>Product Type</b> |  | Hybriflex |
|---------------------|--|-----------|

**MECHANICAL SPECIFICATIONS**

|                                |         |  |
|--------------------------------|---------|--|
| <b>Material</b>                |         | UV resistant ABS and Polycarbonate     |
| <b>Weight</b>                  | kg (lb) | 3.58 (7.9)                             |
| <b>Dimensions (LxWxD)</b>      | mm (in) | 345 x 314 x 150 (13.57 x 12.38 x 5.91) |
| <b>Mounting</b>                |         | Pole or Wall                           |
| <b>Type of F/O Patch Panel</b> |         | LC-4A Adapter                          |
| <b>Type of DC Terminal</b>     |         | Screw terminal                         |

**TESTING AND ENVIRONMENTAL**

|                                 |         |                         |
|---------------------------------|---------|-------------------------|
| <b>Storage Temperature</b>      | °C (°F) | -40 to 85 (-40 to 185 ) |
| <b>Operation Temperature</b>    | °C (°F) | -40 to 85 (-40 to 185 ) |
| <b>Installation Temperature</b> | °C (°F) | -40 to 85 (-40 to 185 ) |
| <b>Sealing Class</b>            |         | IP65                    |
| <b>UV-Protection</b>            |         | Yes                     |



**RISER CABLES SUPPORT**

|   |                                    |  |
|---|------------------------------------|--|
| Number of Riser Cables supported                |                                    | 1  |
| Diameter of Riser Cable                         |                                    | 7/8 or 1-1/4   |
| DC Cable Cross Section of supported Riser Cable | mm <sup>2</sup> (in <sup>2</sup> ) | 13.3mm <sup>2</sup> /4AWG or 21mm <sup>2</sup> /4AWG |
| Supported F/O Connections                       |                                    | 12 pairs DLC   |
| Supported DC Connections                        |                                    | 3 pairs  |

**JUMPER CABLES SUPPORT**

|                                   |         |             |
|-----------------------------------|---------|-------------|
| Number of Jumper Cables supported |         | 6           |
| Diameter of Jumper Cable          | mm (in) | 21.5 (0.85) |

**ELECTRICAL SPECIFICATIONS**

|                  |  |      |
|------------------|--|------|
| Protection Class |  | IP65 |
|------------------|--|------|

| NO. | ITEM                     |
|-----|--------------------------|
| 1   | Distribution box body    |
| 2   | Metal plate              |
| 3   | LC-4A adaptor            |
| 4   | Power terminal strip     |
| 5   | Fiber cable clamps       |
| 6   | Cable mounting clamps    |
| 7   | Cable gland M50          |
| 8   | Cable gland M32          |
| 9   | Cable gland M25 (3 × Φ7) |
| 10  | Grounding column gland   |
| 11  | Grounding column         |
| 12  | Breather valve           |

