
DIAMOND HYBRID JUMBER, HUAWEI RU

Part Number: 122/02X



Features

- **Easy Installation Connectivity**
 - Modular ‘plug and play’ hybrid system
 - 4 Optical fibers in Duplex LC design connectivity
 - Hi-power electrical contacts up to 60 Amps @ -48V
 - Designed to meet Australian conditions
 - Locating connector marks
- **Light & Durable Material**
 - IP68 rated
- **Customized product**
 - Options are available upon customer’s requirement

Application

This Jumper is used to provide power and optical connectivity to the Nokia Remote radio on a mast. This product is part of a complete plug and Play system offered by Diamond optics and meets all required environmental and safety standards including bird proofed outer sheath.

It provides Fibre connectivity through the CIPRI optical physical connection and -48V power integrated through the Hybrid incoming and outgoing connectors. These Jumpers are available in various length options in order to cater for correct positioning of the RRU to the Hybrid box.

The Hybrid connector provided on the jumper allows for simple P&P connection to the Hybrid box with one unskilled operation. All products are fully guaranteed for long life operation under the extreme environmental conditions of the Australian environment for the lifetime of the system.

Please contact Diamond Optics at info@diamond-fo.com.au for more options or specific requirements for your application.

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Specification

Components	A - End	B - End
Jumper Connector	Hybrid type x4 optical ceramic sleeve x 2 power	2 off LC duplex SM connectors Grade B 2 off Power Connections Round Lugs 6mm diameter
Optical Performance		
IL at 1310 and 1550nm	IEC Grade B <0.25dB /connector	IEC Grade B <0.25dB /connector
RL at 1310 and 1550nm	IEC Grade B Better than 55dB	IEC Grade B Better than 55dB
Power contact Performance	60Amps Temp rise <10 C at full power	60Amps Temp rise <10 C at full power
Environmental Performance		
Ingress Protection	IP 67	
Temperature	Operating	-30 °C ~ +70 °C
	Installation	-20 °C ~ +70 °C

Other Related Products

- RRU Hybrid Boxes 4 and 6 way.
- Main cable assemblies 30m, 40m, 50m, 60m, 70m, 80m, 90m & 100m as standard or specific lengths as required.
- Base station connectivity solutions, 1RU LGX style sub rack with MTP to LC cassettes and fibre storage trays.

Ordering Information

Part Number	Cable length (In Meter)
120/0020	2
120/0021	3
120/0022	4
120/0023	5
120/0024	6
120/0025	7
120/0026	8
120/0027	9
120/0028	10

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