

R2F SM Socket / LC Duplex Patchcord 1m

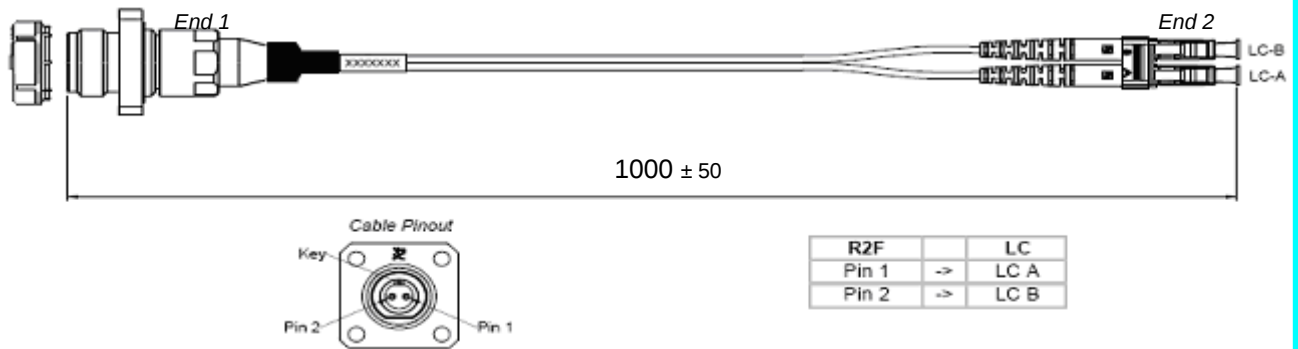
Issue

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Dimension in mm



## GENERAL

|                        |                                                                                                                                                                    |                                                                                                                                                                       |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type:</b>           | <i>End1</i><br>R2F Socket, for 2 Singlemode channels.<br>Screw thread coupling device<br>(to be installed with a 100 Ncm torque wrench).<br>Plastic protective cap | <i>End2</i><br>61754-20 type LC-PC<br>Singlemode zirconia ceramic ferrule<br>RJ-45 latching connector system<br>Duplex with removable brace<br>Plastic protective cap |
|                        |                                                                                                                                                                    |                                                                                                                                                                       |
| <b>Cable:</b>          | SM 9/125 /2.0 mm simplex cable                                                                                                                                     |                                                                                                                                                                       |
| <b>Identification:</b> | 1 Self-laminated label, RADIALL / F760 855 220 / MO nb.                                                                                                            |                                                                                                                                                                       |

## CHARACTERISTICS

(depending on cable construction)

|                                 | <i>End 1 (R2F)</i>              | <i>End 2 (LC)</i>               |
|---------------------------------|---------------------------------|---------------------------------|
| <b>Optical :</b> Cable assembly |                                 |                                 |
| Insertion Loss (@ 1310 nm)      |                                 | 1.00 dB max (method 6)          |
| Return Loss (@ 1310 nm)         |                                 | RL > 45dB (method 7)            |
| acc. to IEC 61300-3-4           |                                 |                                 |
| <b>Mechanical :</b>             |                                 |                                 |
| Endurance                       | 500 mating cycles               | 500 mating cycles               |
| Tensile load                    | up to 30 N (depending on cable) | up to 68 N (depending on cable) |
| Vibration                       | Acc. To IEC 61300.2.1           | 10-55Hz, 1.5 mm, 2Hr./axe       |
| <b>Environmental:</b>           |                                 |                                 |
| Protection                      | IP67 (plugged)                  | Not applicable                  |
| Operating temperature           | -40°C to + 85°C                 | -40°C to + 85°C                 |
| 2002/95/EC (RoHS)               | Compliant                       |                                 |

|                                                                         |       |           |      |       |
|-------------------------------------------------------------------------|-------|-----------|------|-------|
| <b>CREATION</b><br>N°PEN :<br>Name: MM<br>Date: 18/12/2009<br>Appr.: FP |       |           |      |       |
|                                                                         |       |           |      |       |
|                                                                         |       |           |      |       |
|                                                                         |       |           |      |       |
|                                                                         | Issue | Revisions | Name | Appr. |

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