

## Coaxial Cable Connector

### 21\_N-50-0-150/033\_N

#### Description

Straight cable jack

Interface standards

IEC 61169-16 / Connector for use with SPJ/CPJ Assembly

#### Technical Data

##### Electrical Data

|                          |             |                |              |
|--------------------------|-------------|----------------|--------------|
| Impedance                | 50 $\Omega$ |                |              |
| Interface frequency max. | 6 GHz       |                |              |
| Frequency range          | DC to 1 GHz | 1.7 to 2.7 GHz | 3.8 to 6 GHz |
| Return loss              | 36 dB       | 33 dB          | 26 dB        |

##### Mechanical Data

|                |           |
|----------------|-----------|
| Centre contact | plugged   |
| Outer contact  | clamped   |
| Weight         | 0.0328 kg |

##### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

##### Material Data

| Piece Parts    | Material                       | Surface Plating       |
|----------------|--------------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy         | Silver Plating        |
| Outer contact  | Brass                          | SUCOPLATE (R) Plating |
| Body           | Brass                          | SUCOPLATE (R) Plating |
| Insulator      | PTFE (Polytetrafluoroethylene) |                       |

#### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00323442   |
| Assembly instruction | DOC-0000760711 |

#### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 21_N-50-0-150/033_-E |
|----------------|----------------------|

#### Additional Information

|                 |                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------|
| Suitable cables | SUCOFORM_122_LA_CU_CMP, SUCOFORM_141_LA_CU_CMP, SUCOFORM_141_CU_CMP, SUCOFORM_222_LA_CU_CMP, SPJ/CPJ assemblies |
|-----------------|-----------------------------------------------------------------------------------------------------------------|

#### Remarks

Only in combination with SPJ/PCC assemblies Not valid for direct connection with the SUCOFORM\_xxx(\_LA)\_CU\_CMP cables