

## PRE-SFP10G-CUxxyyM

SFP+, 10Gb/s, up to 5 meters, up to 26AWG, Passive



### Product Features:

- Up to 10Gb/s bi-directional data rate
- Up to 5m reach in 26AWG cable with PVC jacket
- Robust cable design and strain relief
- Maximum EMI shielding for signal integrity
- EEPROM capability
- Maximum power consumption 0.1W
- Commercial (0°C to 70°C) operating temperature
- Hot pluggable
- Thermoplastic pull-to-release tab



### Applications:

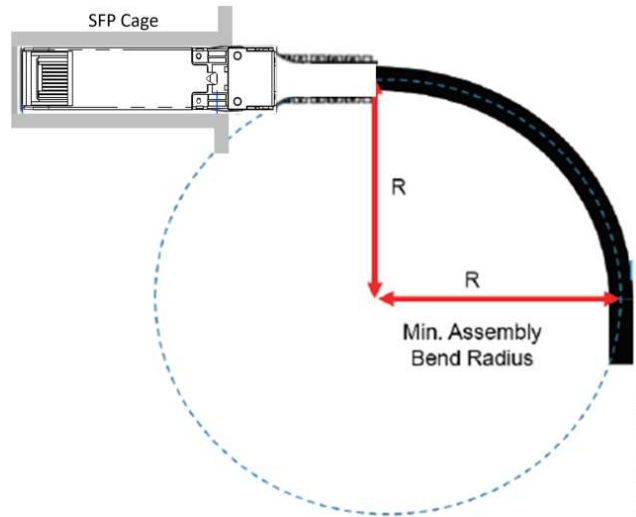
- 10G Ethernet
- Data center server interconnect

### Compliance:

- IEEE 802.3ae
- SFF-8431, 8432
- SFF-8419, 8472
- EIA 364
- RoHS

### Operating Conditions

Parameter	Symbol	Min	Typ	Max	Unit	Notes
Operating Case Temperature	$T_{OP}$	0	-	70	degC	
Power consumption	$P_W$	-	0.004	0.1	W	
Power Supply Current	$I_{CC}$	-	0.1	-	mA	
Power Supply Voltage	$V_{CC}$	2.95	3.3	3.6	V	
Electrical Data Rate	-	11.3			GBd	
Bit Error Ratio	BER	$1 \times 10^{-12}$	-	-	-	
Cable Differential Impedance	-	95	100	105	$\Omega$	
Cable Outer Diameter	-	-	4.5	5.9	mm	
Cable Bend Radius (see below)	-	-	17.8	24.1	mm	
Cable Length Tolerance (see below)	-	-2.5%	-	+2.5%	-	

**Figure 1.** Cable Length Definition**Figure 2.** Bend Radius

### Product Ordering Information

Part Number	Description
PRE-SFP10G-CU300HM	SFP+, 10Gb/s, 0.5m, 30AWG, Passive
PRE-SFP10G-CU3001M	SFP+, 10Gb/s, 1m, 30AWG, Passive
PRE-SFP10G-CU3002M	SFP+, 10Gb/s, 2m, 30AWG, Passive
PRE-SFP10G-CU3003M	SFP+, 10Gb/s, 3m, 30AWG, Passive
PRE-SFP10G-CU2604M	SFP+, 10Gb/s, 4m, 26AWG, Passive
PRE-SFP10G-CU2605M	SFP+, 10Gb/s, 5m, 26AWG, Passive