25G SFP28 Transceivers

High-performance solution for serial optical data communication applications.

DEM-S28 Series











25 Gb/s

25 Gb/s Over a Single Lane

High capacity data transmission



Industry Compliance

Compliant with IEEE 802.3by, 802.3cc, and MSA standards



Hot Pluggable

Modify your infrastructure without network disruptions



Technical Specifications

/ DEM-S28 Series

| Model | DEM-S2801SR | DEM-S2810LR | |
|---------------|-------------|-------------|--|
| Product Image | | | |

| General | | |
|------------------|---|----------------------------------|
| Transceiver Type | SFP28 | SFP28 |
| Cable Distance | OM3 MMF: 70 m, OM4 MMF: 100 m | 10 km |
| Cable Type | Multi-mode 50/125 um OM3, OM4 fiber cable | Single-mode 9/125 um fiber cable |
| Interfaces | Duplex LC connector | Duplex LC connector |
| Hot Pluggable | Yes | Yes |
| Direction | Single direction | Single direction |
| Wavelength | 850 nm | 1310 nm |

| Functionality | | |
|----------------|--------------|--------------|
| IEEE Standard | IEEE 802.3by | IEEE 802.3cc |
| MSA Compliant | Yes | Yes |
| RoHS Compliant | Yes | Yes |

| Physical | | |
|------------------------|--|--|
| Max. Power Consumption | 3.3 V | 3.3 V |
| Dimensions | 57.3 x 13.7 x 8.5 mm | 57.3 x 13.7 x 8.5 mm |
| Weight | 25 g | 25 g |
| Operating Temperature | 0 to 70 °C | 0 to 70 °C |
| Storage Temperature | -40 to 85 °C | -40 to 85 °C |
| Operating Humidity | 5% to 95% non-condensing | 5% to 95% non-condensing |
| Storage Humidity | 5% to 95% non-condensing | 5% to 95% non-condensing |
| Certifications | FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B, LVD | FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B, LVD |

| Order Information | | |
|-------------------|---|--|
| DEM-S2801SR | 25GBASE-SR Multi-Mode 100M SFP28 Transceiver | |
| DEM-S2810LR | 25GBASE-LR Single-Mode 10KM SFP28 Transceiver | |

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