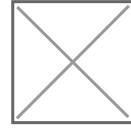




The CDS3*-380/2700 hybrid couplers are four-port directional couplers which equally combine two wireless signals and transfer the combined signal to two output ports. The products are designed for wireless services and applications in the frequency band from 380-2700MHz.



CDS3E-380/2700

FEATURES / BENEFITS

- Supports all TERA bands in the frequency range 380 - 2700 MHz
- 200 Watt Power Rating
- High Reliability
- N female connectors

Technical features

GENERAL SPECIFICATIONS

| | | |
|-------------------------------|--|----------------------------|
| Product Type | | Directional Hybrid Coupler |
| Techn. Application | | Indoor |
| Number of Input Ports | | 2 |
| Number of Output Ports | | 2 |
| Connector Type | | N female |

ELECTRICAL SPECIFICATIONS

| | | |
|------------------------------|---------|------------------------------|
| Frequency Range | MHz | 380 - 2700 |
| Impedance | Ohm | 50 |
| VSWR / Return Loss | VSWR/dB | 1.25/19.1 @ - GHz |
| Intermodulation (IM3) | | -150 dBc with 2x43 dBm tones |
| Isolation min | dB | 23 @ - |
| Coupling Value | dB | 3.1 ±0.8 @ - MHz |
| Total Input Power | W | 200 |

TEMPERATURE SPECIFICATIONS

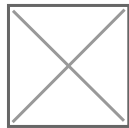
| | | |
|--------------------------|---------|------------------------|
| Temperature Range | °C (°F) | -25 to 65 (-13 to 149) |
|--------------------------|---------|------------------------|

MECHANICAL SPECIFICATIONS

| | | |
|---------------|---------|---------------|
| Height | mm (in) | 44 (1.73) |
| Width | mm (in) | 97 (3.82) |
| Length | mm (in) | 216.05 (8.51) |

TESTING AND ENVIRONMENTAL

| | | |
|----------------------------|--|------|
| Environmental Class | | IP65 |
|----------------------------|--|------|



Dimensions in mm

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[Notes](#)