

Comint Systems and Solutions Pvt Ltd (CSSPL) has established excellent manufacturing facilities with committed team of qualified and experienced technical work force for indigenous design, development and manufacturing of products from concept to completion in the areas of Network Security, IT & Telecom, Industrial and Defence Electronics.

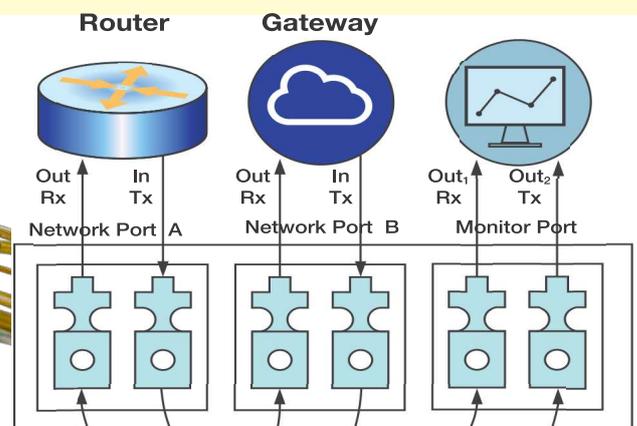
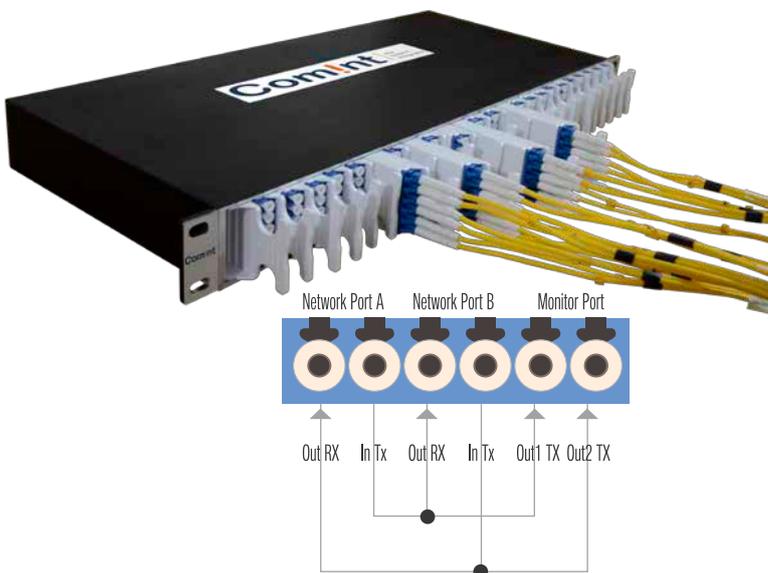
CSSPL offers Optical Test Access Point (TAPs) which allows you to access and monitor your network traffic at rates of 100 Mbps, 1 Gbps, 10 Gbps, 40 Gbps, 100Gbps and 400 Gbps, optical split-ratios of 80/20, 70/30 and 50/50. The network links can be multimode (850 / 950 / 1300nm) or Singlemode (1260 ~ 1620 nm).

OPTICAL TAPS



FEATURES :

- ◆ Passive operation
- ◆ Provide 100% full-duplex traffic visibility
- ◆ 100 Mbps, 1, 10, 40, 100 and 400 Gbps fiber support
- ◆ Flexible options for single mode or multimode fiber
- ◆ LC (Standard) and MPT / MPO connector options
- ◆ Plug and play easy installation, no configuration, no power source required.



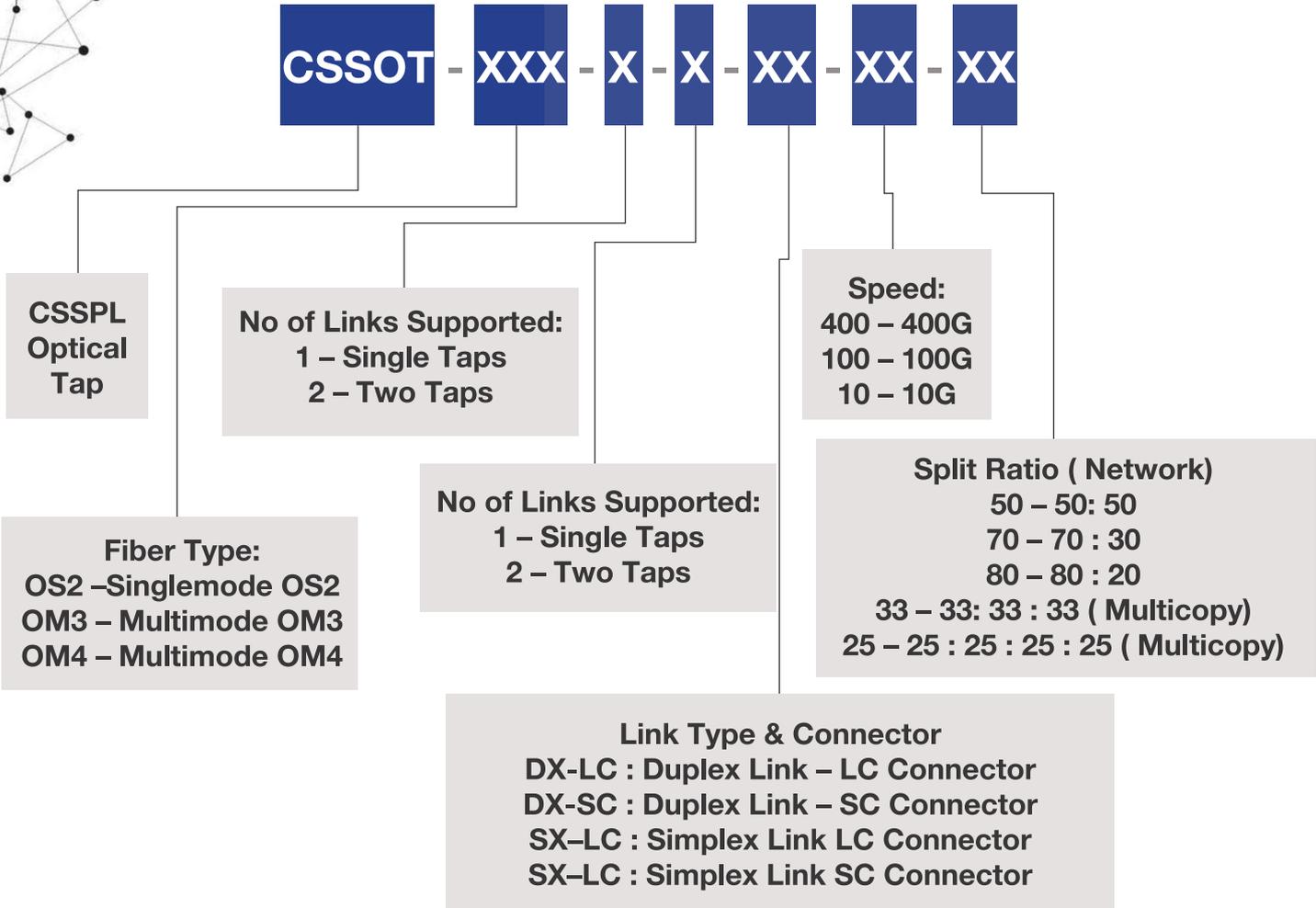
OPTICAL TAPS

Product Specifications

| | | | | |
|--|--|----------------|----------------|----------------|
| Fiber Type | Singlemode : OS1/OS2 Multimode : OM1/OM2/OM3/OM4/OM5 | | | |
| Split Ratio | 50/50, 70/30, 80/20, 90/10, 33 (1 x 3 copy), 25 (1 x 4 copy) (Different split ratios can be accommodated upon request) | | | |
| Wavelength | Singlemode : 1260 ~ 1620 nm Multimode : 850/950/1300nm | | | |
| Speed Support | 100 Mbps, 1 Gbps, 10 Gbps, 40 Gbps, 100Gbps and 400 Gbps | | | |
| Connectors | LC | | | |
| Max Density on 1RU | 24 Taps, 12 (Multicopy Taps). | | | |
| Insertion Loss | Split Ratio | 50/50 | 70/30 | 80/20 |
| | Max. Insertion loss (network Port) SM (dB) | 3.40 ± 0.15 dB | 2.05 ± 0.15 dB | 1.54 ± 0.15 dB |
| | Max. Insertion Loss (Monitor Port) SM (dB) | 3.75 ± 0.20 dB | 5.91 ± 0.20 dB | 7.62 ± 0.20 dB |
| Return Loss | Split Ratio | 50/50 | 70/30 | 80/20 |
| | Return loss SM (dB) | ≥50dB | ≥50dB | ≥50dB |
| Directivity | Split Ratio | 50/50 | 70/30 | 80/20 |
| | Directivity SM (dB) | ≥55dB | ≥55dB | ≥55dB |
| PDL (Polarization Dependent Loss) | Split Ratio | 50/50 | 70/30 | 80/20 |
| | PDL SM (dB) | ≤0.20dB | ≤0.20dB | ≤0.20dB |
| Mechanical TAP dimensions | 42mm(H) x 230 mm(L) x 17 mm(W) | | | |
| Operating Temperature | 0°C to 40°C | | | |
| Storage temperature | -10° C to 70°C | | | |
| Relative Humidity | 95% max , Non condensing | | | |
| Certifications | ROHS | | | |

ORDERING INFORMATION

CSSOT - XXX - X - X - XX - XX - XX



| CSSOT | FIBER TYPE | NO OF LINKS SUPPORTED | NO OF COPY | LINK TYPE & CONNECTOR | SPEED | SPLIT RATIO |
|-------------------|---|---------------------------------|---|--|--------------------------------------|---|
| CSSPL Optical Tap | OS2 –Singlemode OS2 OM3 – Multimode OM3 OM4 – Multimode OM4 | 1 – Single Taps 2 – Two Taps | 1 - Single Copy Tap 2 - Two Copy Tap 3 - Three Copy Tap | DX-LC : Duplex Link – LC Connector DX-SC : Duplex Link – SC Connector SX-LC : Simplex Link LC Connector SX-SC : Simplex Link SC Connector | 400 – 400G 100 – 100G 10 – 10G | 50 – 50: 50 70 – 70 : 30 80 – 80 : 20 33 – 33: 33 : 33 (Multicopy) 25 – 25 : 25 : 25 : 25 (Multicopy) |

OPTICAL TAPS

Product Specifications – Multi Copy TAPs

| | | | |
|--|---|----------------|----------------|
| Fiber Type | Singlemode: OS1/OS2 Multimode: OM1/OM2/OM3/OM4/OM5 | | |
| Split Ratio | 33.3 (1 x 3 copy), 25 (1 x 4 copy) | | |
| Wavelength | Singlemode : 1260 ~ 1620 nm Multimode : 850/950/1300nm | | |
| Speed Support | 100 Mbps, 1 Gbps, 10 Gbps, 40 Gbps, 100Gbps and 400 Gbps | | |
| Connectors | LC | | |
| Max Density on 1RU | 12 | | |
| Insertion Loss | Split Ratio | 33.3 | 25 |
| | Max. Insertion loss (network Port) SM (dB) | 5.8 ± 0.20 dB | 7.8 ± 0.20 dB |
| | Max. Insertion Loss (Monitor Port) SM (dB) | 5.25 ± 0.20 dB | 7.28 ± 0.20 dB |
| Return Loss | Split Ratio | 33.3 | 25 |
| | Return loss SM (dB) | ≥50dB | ≥50dB |
| Directivity | Split Ratio | 33.3 | 25 |
| | Directivity SM (dB) | ≥55dB | ≥55dB |
| PDL (Polarization Dependent Loss) | Split Ratio | 33.3 | 25 |
| | PDL SM (dB) | ≤0.25dB | ≤0.25dB |
| Mechanical TAP dimensions | 42 mm(H) x 214mm (L) x 34mm (W) | | |
| Operating Temperature | 0°C to 40°C | | |
| Storage temperature | -10°C to 70°C | | |
| Relative Humidity | 95% max , non condensing | | |
| Certifications | ROHS | | |

Comint Systems and Solutions Pvt. Ltd.

Office No:307,308, 3rd Floor, Eden Amsri Square, St. John's Road, Secunderabad - 500 003.Telangana, India.

Phones : +91 40 2780 2235 / 37 Fax: +91 40 2780 2234.

Email: comint@comintindia.com

www.comintindia.com