

## 3MPO/MTP®-LC(36F) Plastic Module Cassettes

Match for UltraX/Y/N/S Series Enclosures

### Description

T&S optical module cassettes from the Ultra family are designed to efficiently break out MPO/MTP® connectors into LC connectors. Each metal cassette accommodates 144 channels within a 1U space, streamlining the deployment of optical networks in a modular fashion. This makes it an ideal solution for projects requiring compact, fast cabling and provides an easy upgrade path for existing installations.



SM LC/UPC-MPO/MTP®



SM LC/APC-MPO/MTP®



MM(OM3) LC/PC-MPO/MTP®



MM(OM4) LC/PC-MPO/MTP®

### Optic Performance

| Parameters              | SM              | SM              | MM(OM3)        | MM(OM4)        |
|-------------------------|-----------------|-----------------|----------------|----------------|
|                         | LC/UPC-MPO/MTP® | LC/APC-MPO/MTP® | LC/PC-MPO/MTP® | LC/PC-MPO/MTP® |
| Max Insertion Loss (dB) | 0.6             | 0.6             | 0.6            | 0.6            |
| Typical (dB)            | 0.35            | 0.35            | 0.30           | 0.30           |
| Min Return Loss (dB)    | 55              | 60              | 20             | 20             |

### General Information

| Cassette Material | Front Adapter | Rear Adapter  | Adapter Color (Front)   | Adapter Color (Rear)             |
|-------------------|---------------|---------------|-------------------------|----------------------------------|
| PC+ABS            | LC(Duplex)    | MPO/MTP®      | Blue/Green/Aqua/Magenta | Black/Gray/Yellow®               |
| Capacity          | Standard      | Dimension(mm) | Weight(g)               | Applications                     |
| 36F               | RoHS/REACH    | 95x35x145.5   | 90 <sup>①</sup>         | Match for UltraX/Y/N/S Enclosure |

① More housing colors are available upon request;

② The weight includes the weight of the front and rear adapters, but excludes the weight of the cables.

