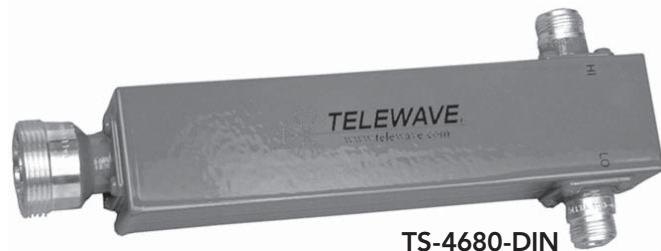


TS-15xx, TS-22xx, TS-46/47xx SERIES

Telewave Crossband Couplers allow transmitters, receivers, and antennas in the 150, 220, 450, and 800 MHz bands to share a common feedline. Two couplers are required for each installation. The ability to share a feedline between systems on different bands simplifies installation, while reducing cost and tower loading. No tuning is required for full band coverage, and each unit is completely weather-sealed for zero maintenance and long service.



TS-4680-DIN



TS-1580

| MODEL | FREQUENCY RANGE | POWER |
|-------------------------------|---------------------------------------|------------------------|
| TS-1545 | 132-174 & 406-470 MHz | 150 watts |
| TS-1546 | 132-174 & 450-512 MHz | 150 watts |
| TS-1570 | 132-174 & 763-869 MHz | 150 watts |
| TS-1580 | 132-174 & 806-902 MHz | 150 watts |
| TS-1590 | 132-174 & 850-960 MHz | 150 watts |
| TS-2246 | 219-225 & 406-512 MHz | 150 watts |
| TS-1545H | 132-174 & 406-470 MHz | 400 watts |
| TS-1546H | 132-174 & 450-512 MHz | 400 watts |
| TS-1570H | 132-174 & 763-869 MHz | 400 watts |
| TS-1580H | 132-174 & 806-902 MHz | 400 watts |
| TS-1590H | 132-174 & 850-960 MHz | 400 watts |
| TS-2246H | 219-225 & 406-512 MHz | 400 watts |
| TS-4670 | 440-470 & 763-869 MHz | 400 watts |
| TS-4680 | 440-470 & 806-870 MHz | 400 watts |
| TS-4690 | 440-470 & 896-932 MHz | 400 watts |
| TS-4770 | 470-512 & 763-869 MHz | 400 watts |
| TS-4780 | 470-512 & 896-932 MHz | 400 watts |
| TS-154676 | 150-174 / 450-470 / 763-869 MHz | 400 watts |
| COMMON SPECIFICATIONS | TS-15XX | TS-22XX, TS-46/47XX |
| Impedance / VSWR (typ) | | 50 ohms / 1.15:1 |
| Isolation (min / typ.) | 23 dB / 27 dB | 25 dB / 30 dB |
| Insertion loss per pair (max) | | 0.2 dB |
| Temperature range | | -30°C to +60°C |
| Connectors | N Male or Female, 7-16 DIN M/F (opt.) | |
| Dimensions (HWL) in. | 1.5 x 2.25 x 3.75 | 1 x 1.5 x 6.5 |
| Weight lb. | 0.5 | 1 |

