

55 SERIES 1.8 GHz OUTDOOR TAPS

[DT55W-SR-CB-SCA-x] Cable Products, Mainline Passives

Description

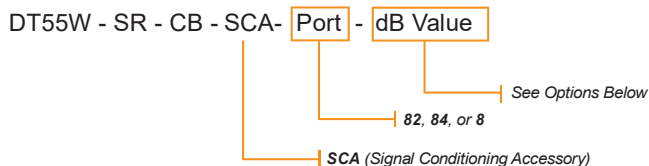
Taikan's 55 series 1.8 GHz taps have been designed with the future of the CATV industry in mind. All units come complete with a factory installed power passing bar for uninterrupted service when the faceplate is removed. Interchangeable faceplates allow for future network growth while minimizing costly equipment upgrades for cable providers. All taps are backed by Taikan's one year limited warranty. *



Features

- Supports Standard Spectrum DOCSIS (FDD) and Full Duplex DOCSIS (FDX) Compliant Systems
- 5-1800 MHz Bandwidth
- 15 A Current Capacity
- Aluminum Alloy Housing used for Corrosion Resistance
- Neoprene Weather Gasket and RFI Shielding at 120 dB
- Blocking Capacitors on the "F" ports for Extended Surge Resistance
- ANSI/SCTE 01-2015 Fully Compliant F-Connectors
- Heat Resistant Silicone Sealed and Nickel Plated Brass "F" Ports
- Double Polyurethane Coating or Powder Coating for Greater Weather Protection
- Power Passing Option: CB: Continuous Through Signal without Faceplate
- Easily Interchangeable Port Faceplates
- Aerial or Pedestal Installation for Outdoor Use
- Compliant with SCTE Guidelines
- Printed Circuit Boards
- Flatness In/Out: ± 0.5 , Flatness In/Tap: ± 0.5
- Connector: 5/8" - 24 NEF Female for In/Out
- Surge Withstand: SR: IEEE C62.41-1991 Category B3/6kV Combination Wave, 3000 A

Ordering Information



| Model Number | Inner Box | Standard Carton | Carton Weight | dB Values Available |
|----------------------|-----------|-----------------|----------------|--|
| DT55W-SR-CB-SCA-82xx | 10 pcs | 40 pcs | 23 kg / 51 lbs | -04T, -08, -11, -14, -17, -20, -23, -26, -29 |
| DT55W-SR-CB-SCA-84xx | 10 pcs | 40 pcs | 23 kg / 51 lbs | -08T, -11, -14, -17, -20, -23, -26, -29 |
| DT55W-SR-CB-SCA-8xx | 10 pcs | 40 pcs | 23 kg / 51 lbs | -11T, -14, -17, -20, -23, -26, -29 |

* Please refer to <http://www.taikan.com/Downloads/warranty.pdf> for our warranty service agreement



2 Port Wide Body Specifications

Customization available upon request

| Frequency | Insertion Loss (dB) | 4T | 8 | | 11 | | 14 | | 17 | | 20 | | 23 | | 26 | | 29 | |
|---------------|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ |
| 5-10 MHz | T | | 3.5 | 3.0 | 3.1 | 2.6 | 2.3 | 1.8 | 2.4 | 1.9 | 2.1 | 1.6 | 1.8 | 1.3 | 1.9 | 1.4 | 1.9 | 1.4 |
| 10-65 MHz | T | | 2.7 | 2.5 | 1.8 | 1.6 | 1.1 | 0.9 | 1.1 | 0.8 | 0.9 | 0.7 | 0.9 | 0.7 | 0.9 | 0.7 | 0.9 | 0.7 |
| 65-300 MHz | T | | 3.0 | 2.8 | 1.9 | 1.7 | 1.2 | 1.0 | 1.2 | 1.0 | 1.1 | 0.9 | 0.9 | 0.7 | 0.9 | 0.7 | 0.9 | 0.7 |
| 300-550 MHz | T | | 3.5 | 3.3 | 2.3 | 2.1 | 1.7 | 1.5 | 1.6 | 1.4 | 1.6 | 1.3 | 1.4 | 1.2 | 1.4 | 1.2 | 1.3 | 1.1 |
| 550-750 MHz | T | | 3.5 | 3.3 | 2.5 | 2.2 | 1.7 | 1.5 | 1.6 | 1.4 | 1.6 | 1.3 | 1.4 | 1.2 | 1.4 | 1.2 | 1.3 | 1.1 |
| 750-862 MHz | T | | 3.7 | 3.5 | 2.7 | 2.4 | 1.8 | 1.6 | 1.8 | 1.5 | 1.6 | 1.3 | 1.6 | 1.3 | 1.6 | 1.3 | 1.5 | 1.2 |
| 862-1000 MHz | T | | 4.0 | 3.7 | 3.2 | 2.8 | 2.1 | 1.8 | 2.0 | 1.7 | 1.6 | 1.3 | 1.8 | 1.5 | 1.6 | 1.3 | 1.7 | 1.4 |
| 1000-1218 MHz | T | | 4.3 | 4.0 | 3.4 | 3.0 | 2.3 | 2.0 | 2.1 | 1.8 | 1.7 | 1.4 | 1.8 | 1.5 | 1.7 | 1.4 | 1.7 | 1.4 |
| 1218-1500 MHz | T | | 4.9 | 4.6 | 3.6 | 3.0 | 2.3 | 2.0 | 2.1 | 1.8 | 1.7 | 1.4 | 1.8 | 1.5 | 1.7 | 1.4 | 1.7 | 1.4 |
| 1500-1700 MHz | T | | 5.5 | 5.1 | 3.9 | 3.5 | 2.9 | 2.5 | 2.6 | 2.2 | 2.2 | 1.8 | 2.1 | 1.7 | 2.1 | 1.7 | 2.0 | 1.6 |
| 1700-1800 MHz | T | | 5.8 | 5.4 | 4.3 | 3.8 | 3.2 | 2.8 | 2.8 | 2.4 | 2.4 | 2.0 | 2.3 | 1.8 | 2.3 | 1.8 | 2.3 | 1.8 |

Tap Value (dB) (± 3.0 dB 5-10 MHz) (± 2.0 dB 10-15 MHz) (± 1.5 dB 15-860 MHz) (± 2.0dB 860-1600 MHz) (± 2.5 dB 1600-1800 MHz)

| Frequency | | 4T | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|-----|----------|------|------|------|------|------|------|------|------|
| | | 5-10 MHz | 4.0 | 8.0 | 11.0 | 14.0 | 17.0 | 20.0 | 23.0 | 26.0 |
| 10-65 MHz | 4.0 | 8.5 | 11.5 | 14.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 | |
| 65-860 MHz | 4.0 | 8.5 | 11.5 | 14.5 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 | |
| 860-1218 MHz | 4.0 | 9.0 | 12.0 | 14.5 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 | |
| 1218-1500 MHz | 4.5 | 10.0 | 12.5 | 14.5 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 | |
| 1500-1700 MHz | 5.0 | 10.5 | 13.0 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 30.0 | |
| 1700-1800 MHz | 6.0 | 11.0 | 13.0 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 30.0 | |

Tap to Tap Isolation (dB)

| Frequency | (Max) | 4T | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|-------|----------|----|----|----|----|----|----|----|----|
| | | 5-10 MHz | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 10-65 MHz | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | |
| 65-860 MHz | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 860-1218 MHz | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 1218-1500 MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 1500-1700 MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 1700-1800 MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |

2 Port Wide Body Specifications Cont'd

Customization available upon request

Output to Tap Isolation (dB)

| | | (Max) | | | | | | | | |
|-----------|---------------|--------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 4T | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | T | 14 | 14 | 14 | 14 | 14 | 16 | 18 | 18 |
| | 10-65 MHz | T | 27 | 29 | 30 | 31 | 33 | 35 | 36 | 38 |
| | 65-860 MHz | T | 25 | 27 | 28 | 30 | 31 | 33 | 34 | 36 |
| | 860-1218 MHz | T | 21 | 23 | 24 | 26 | 27 | 29 | 30 | 32 |
| | 1218-1500 MHz | T | 21 | 20 | 23 | 25 | 25 | 25 | 25 | 25 |
| | 1500-1700 MHz | T | 21 | 20 | 23 | 25 | 25 | 25 | 25 | 25 |
| | 1700-1800 MHz | T | 21 | 20 | 23 | 25 | 25 | 25 | 25 | 25 |

Return Loss (dB)

| | | (Min) | | | | | | | | |
|-----------|---------------|--------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 4T | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 |
| | 10-47 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 47-950 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 950-1218 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 1218-1500 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 1500-1700 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 1700-1800 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |

Hum Modulation (dB) @ 15 A

| | | (Min) | | | | | | | | |
|-----------|---------------|--------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 4T | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 |
| | 10-1600 MHz | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 |
| | 1600-1800 MHz | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 |

General Specifications: Power Passing 15 A, 60/90 VAC



4 Port Wide Body Specifications

Customization available upon request

Insertion Loss (dB)

| Frequency | 8T | 11 | | 14 | | 17 | | 20 | | 23 | | 26 | | 29 | |
|---------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ |
| 5-10 MHz | T | 3.1 | 2.6 | 2.7 | 2.2 | 2.1 | 1.6 | 2.6 | 2.1 | 2.1 | 1.6 | 1.9 | 1.4 | 1.9 | 1.4 |
| 10-65 MHz | T | 2.7 | 2.5 | 2.0 | 1.6 | 1.1 | 0.9 | 1.1 | 0.9 | 1.1 | 0.8 | 0.9 | 0.6 | 0.8 | 0.5 |
| 65-300 MHz | T | 2.9 | 2.7 | 2.0 | 1.7 | 1.2 | 1.0 | 1.2 | 1.0 | 1.1 | 0.8 | 0.9 | 0.7 | 0.8 | 0.6 |
| 300-550 MHz | T | 3.4 | 3.2 | 2.4 | 2.1 | 1.7 | 1.5 | 1.7 | 1.4 | 1.3 | 1.1 | 1.3 | 1.1 | 1.2 | 1.0 |
| 550-750 MHz | T | 3.9 | 3.6 | 2.7 | 2.3 | 1.7 | 1.5 | 1.7 | 1.4 | 1.3 | 1.1 | 1.3 | 1.1 | 1.2 | 1.0 |
| 750-862 MHz | T | 4.0 | 3.7 | 2.8 | 2.5 | 1.7 | 1.5 | 1.7 | 1.4 | 1.5 | 1.2 | 1.4 | 1.2 | 1.2 | 1.0 |
| 862-1000 MHz | T | 4.1 | 3.8 | 3.3 | 3.0 | 2.0 | 1.7 | 1.8 | 1.5 | 1.6 | 1.4 | 1.5 | 1.3 | 1.5 | 1.3 |
| 1000-1218 MHz | T | 4.3 | 4.0 | 3.4 | 3.0 | 2.1 | 1.7 | 1.8 | 1.5 | 1.7 | 1.4 | 1.6 | 1.3 | 1.7 | 1.5 |
| 1218-1500 MHz | T | 4.5 | 4.2 | 3.5 | 3.2 | 2.5 | 2.1 | 2.5 | 1.8 | 1.9 | 1.5 | 1.7 | 1.3 | 1.7 | 1.5 |
| 1500-1700 MHz | T | 5.2 | 4.6 | 4.0 | 3.6 | 3.0 | 2.6 | 2.6 | 2.2 | 2.4 | 2.0 | 2.0 | 1.7 | 2.0 | 1.6 |
| 1700-1800 MHz | T | 5.6 | 4.8 | 4.3 | 3.8 | 3.2 | 2.8 | 3.0 | 2.4 | 2.5 | 2.1 | 2.3 | 1.8 | 2.3 | 1.8 |

Tap Value (dB) (± 3.0 dB 5-10 MHz) (± 2.0 dB 10-15 MHz) (± 1.5 dB 15-860 MHz) (± 2.0dB 860-1600 MHz) (± 2.5 dB 1600-1800 MHz)

| Frequency | 8T | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|------|------|------|------|------|------|------|------|
| 5-10 MHz | 8.0 | 11.0 | 15.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 |
| 10-65 MHz | 8.0 | 11.0 | 14.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 |
| 65-860 MHz | 8.0 | 11.0 | 14.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 |
| 860-1218 MHz | 8.0 | 12.0 | 14.5 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 |
| 1218-1500 MHz | 8.5 | 12.5 | 15.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 |
| 1500-1700 MHz | 9.0 | 13.0 | 15.5 | 18.0 | 21.0 | 24.0 | 26.0 | 29.0 |
| 1700-1800 MHz | 10.0 | 13.5 | 15.5 | 18.0 | 21.0 | 24.0 | 27.0 | 30.0 |

Tap to Tap Isolation (dB)

| (Max) | 8T | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|----|----|----|----|----|----|----|----|
| 5-10 MHz | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 10-65 MHz | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 65-860 MHz | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 860-1218 MHz | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 1218-1500 MHz | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 1500-1700 MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 1700-1800 MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

4 Port Wide Body Specifications Cont'd

Customization available upon request

Output to Tap Isolation (dB)

| | | (Max) | | | | | | | |
|-----------|---------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 8T | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | T | 18 | 18 | 18 | 16 | 18 | 18 | 18 |
| | 10-65 MHz | T | 22 | 22 | 26 | 29 | 32 | 36 | 38 |
| | 65-860 MHz | T | 27 | 28 | 29 | 31 | 32 | 34 | 36 |
| | 860-1218 MHz | T | 23 | 24 | 26 | 27 | 29 | 30 | 32 |
| | 1218-1500 MHz | T | 23 | 23 | 23 | 25 | 25 | 25 | 25 |
| | 1500-1700 MHz | T | 23 | 23 | 23 | 25 | 25 | 25 | 25 |
| | 1700-1800 MHz | T | 23 | 23 | 23 | 25 | 25 | 25 | 25 |

Return Loss (dB)

| | | (Min) | | | | | | | |
|-----------|---------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 8T | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 |
| | 10-47 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 47-950 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 950-1218 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 1218-1500 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 1500-1700 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 1700-1800 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |

Hum Modulation (dB) @ 15 A

| | | (Min) | | | | | | | |
|-----------|---------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 8T | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
| Frequency | 5-10 MHz | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 |
| | 10-1600 MHz | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 |
| | 1600-1800 MHz | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 |

General Specifications: Power Passing 15 A, 60/90 VAC



8 Port Specifications

Customization available upon request

Insertion Loss (dB)

| Frequency | 11T | 14 | | 17 | | 20 | | 23 | | 26 | | 29 | |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ |
| 5-10 MHz | T | 3.0 | 2.5 | 2.2 | 1.7 | 2.2 | 1.7 | 2.8 | 2.3 | 1.9 | 1.4 | 1.9 | 1.4 |
| 10-65 MHz | T | 2.7 | 2.5 | 2.1 | 1.6 | 1.1 | 0.9 | 1.1 | 0.9 | 1.0 | 0.8 | 1.0 | 0.8 |
| 65-300 MHz | T | 2.9 | 2.7 | 2.1 | 1.7 | 1.2 | 1.0 | 1.2 | 1.0 | 1.1 | 0.9 | 1.1 | 0.9 |
| 300-550 MHz | T | 3.4 | 3.2 | 2.5 | 2.1 | 1.7 | 1.5 | 1.7 | 1.4 | 1.4 | 1.2 | 1.4 | 1.2 |
| 550-750 MHz | T | 3.9 | 3.6 | 2.5 | 2.1 | 1.7 | 1.5 | 1.7 | 1.4 | 1.4 | 1.2 | 1.4 | 1.2 |
| 750-862 MHz | T | 4.0 | 3.7 | 2.6 | 2.2 | 1.7 | 1.5 | 1.8 | 1.5 | 1.6 | 1.3 | 1.6 | 1.3 |
| 862-1000 MHz | T | 4.2 | 4.0 | 2.7 | 2.3 | 2.1 | 1.8 | 1.9 | 1.6 | 1.6 | 1.4 | 1.6 | 1.4 |
| 1000-1218 MHz | T | 4.3 | 4.0 | 2.9 | 2.5 | 2.4 | 1.8 | 1.9 | 1.6 | 1.7 | 1.4 | 1.7 | 1.4 |
| 1218-1500 MHz | T | 4.5 | 4.2 | 3.8 | 3.0 | 2.5 | 2.1 | 2.3 | 1.9 | 1.9 | 1.5 | 1.9 | 1.5 |
| 1500-1700 MHz | T | 5.2 | 4.8 | 4.1 | 3.6 | 3.0 | 2.6 | 2.6 | 2.2 | 2.4 | 2.0 | 2.2 | 1.8 |
| 1700-1800 MHz | T | 5.8 | 5.0 | 4.8 | 3.8 | 3.5 | 2.8 | 3.2 | 2.4 | 2.5 | 2.1 | 2.3 | 1.8 |

Tap Value (dB) (± 3.0 dB 5-10 MHz) (± 2.0 dB 10-15 MHz) (± 1.5 dB 15-860 MHz) (± 2.0dB 860-1600 MHz) (± 2.5 dB 1600-1800 MHz)

| Frequency | 11T | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|----------|------|------|------|------|------|------|
| | 5-10 MHz | 11.0 | 16.0 | 19.0 | 20.0 | 23.0 | 27.0 |
| 10-65 MHz | 11.5 | 14.5 | 18.0 | 21.0 | 24.0 | 27.0 | 29.5 |
| 65-860 MHz | 11.5 | 14.5 | 18.0 | 21.0 | 24.0 | 27.0 | 29.5 |
| 860-1218 MHz | 11.5 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 29.5 |
| 1218-1500 MHz | 12.0 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 29.5 |
| 1500-1700 MHz | 12.5 | 16.0 | 19.0 | 21.5 | 24.5 | 27.5 | 30.0 |
| 1700-1800 MHz | 13.5 | 17.0 | 19.5 | 22.0 | 25.0 | 28.0 | 30.0 |

Tap to Tap Isolation (dB)

| Frequency | (Max) | 11T | 14 | 17 | 20 | 23 | 26 | 29 |
|---------------|----------|-----|----|----|----|----|----|----|
| | 5-10 MHz | | 16 | 16 | 16 | 16 | 16 | 16 |
| 10-65 MHz | | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 65-860 MHz | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 860-1218 MHz | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 1218-1500 MHz | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 1500-1700 MHz | | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 1700-1800 MHz | | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

8 Port Specifications Cont'd

Customization available upon request

Output to Tap Isolation (dB)

| (Max) | | 11T | 14 | 17 | 20 | 23 | 26 | 29 |
|-----------|---------------|-----|----|----|----|----|----|----|
| Frequency | 5-10 MHz | T | 20 | 20 | 20 | 20 | 20 | 20 |
| | 10-65 MHz | T | 22 | 22 | 26 | 30 | 33 | 36 |
| | 65-860 MHz | T | 28 | 28 | 31 | 33 | 34 | 36 |
| | 860-1218 MHz | T | 24 | 26 | 27 | 29 | 30 | 32 |
| | 1218-1500 MHz | T | 23 | 23 | 25 | 25 | 25 | 25 |
| | 1500-1700 MHz | T | 23 | 23 | 25 | 25 | 25 | 25 |
| | 1700-1800 MHz | T | 23 | 23 | 25 | 25 | 25 | 25 |

Tap Return Loss (dB)

| (Min) | | 11T | 14 | 17 | 20 | 23 | 26 | 29 |
|-----------|---------------|------|------|------|------|------|------|------|
| Frequency | 5-10 MHz | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 | ≥ 10 |
| | 10-47 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 47-950 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 950-1218 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 1218-1500 MHz | ≥ 15 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| | 1500-1700 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |
| | 1700-1800 MHz | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 | ≥ 14 |

Hum Modulation (dB) @ 15 A

| (Min) | | 11T | 14 | 17 | 20 | 23 | 26 | 29 |
|-----------|---------------|------|------|------|------|------|------|------|
| Frequency | 5-10 MHz | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 |
| | 10-1600 MHz | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 | ≥ 60 |
| | 1600-1800 MHz | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 | ≥ 52 |

General Specifications: Power Passing 15 A, 60/90 VAC

