

Indoor RF passives

TWS-SERIES

The TWS wall outlets are a wide range of devices designed for easy installation in the home. They have a frequency range of up to 1750MHz and are available as a wide range of dB values with cover plates."

TWS-series features

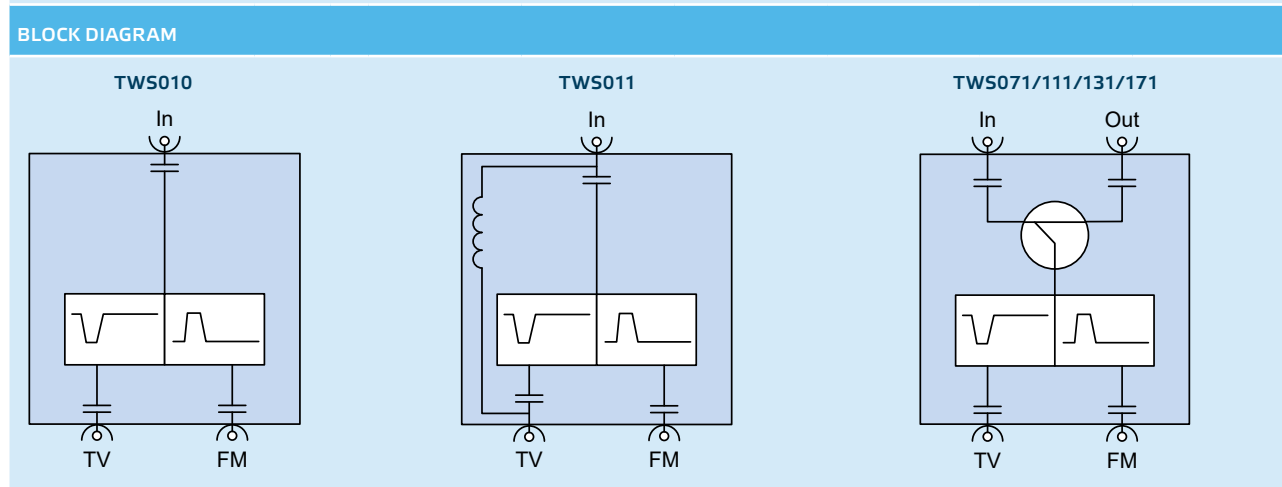
- A wide range of outlet versions - all having a frequency range up to 1750 MHz
- All ports feature 1 kV high voltage protection
- TV port 5-68/136-1750 MHz, FM port 87,5-108 MHz
- Meets Class A Screening requirements
- Superior housing design ensures fast and easy installation

One of Teleste's unique and award winning superior performance passives designed for easy installation and reliability.

TELESTE

INDOOR RF PASSIVES / TWS-SERIES

| SPECIFICATIONS | | | | | | |
|--|----------|----------|----------|----------|----------|----------|
| Electromagnetic Compatibility (dB) ⁽³⁾ | | | | | | |
| | TWS010 | TWS011 | TWS071 | TWS111 | TWS131 | TWS171 |
| Frequency (MHz) | | | | | | |
| 5 - 300 | ≥ 85.0 | ≥ 85.0 | ≥ 85.0 | ≥ 85.0 | ≥ 85.0 | ≥ 85.0 |
| 300 - 470 | ≥ 80.0 | ≥ 80.0 | ≥ 80.0 | ≥ 80.0 | ≥ 80.0 | ≥ 80.0 |
| 470 - 950 | ≥ 75.0 | ≥ 75.0 | ≥ 75.0 | ≥ 75.0 | ≥ 75.0 | ≥ 75.0 |
| 950 - 1750 | ≥ 55.0 | ≥ 55.0 | ≥ 55.0 | ≥ 55.0 | ≥ 55.0 | ≥ 55.0 |
| Safety Isolation (dB) ⁽⁴⁾ | | | | | | |
| 2120 VDC | ≤ 0.7 mA | ≤ 0.7 mA | ≤ 0.7 mA | ≤ 0.7 mA | ≤ 0.7 mA | ≤ 0.7 mA |
| 230 VAC RMS, 50/60 Hz | ≤ 8.0 mA | ≤ 8.0 mA | ≤ 8.0 mA | ≤ 8.0 mA | ≤ 8.0 mA | ≤ 8.0 mA |
| Surge Immunity ⁽⁵⁾ | | | | | | |
| each port | 1 kV | 1 kV | 1 kV | 1 kV | 1 kV | 1 kV |



NOTES

(1) @ F > 40 MHz -1,5 dB per octave, but ≥10 dB
 (2) @ F > 100 MHz -4,0 dB per octave
 (3) Class A, according to IEC 60728-2 2010 (new 2012), EMC
 (4) According to IEC-60728-11 2007, Safety. (2120VDC ≤ 0.7 mA, ≥ 1 minute. 230VAC RMS ≤ 8.0 mA RMS)
 (5) 1 kV, 1,2/50 μs Surge voltage acc. to IEC 61000-4-5, EMC (class 2, level 2) applied between the inner and outer conductor of each port

| COLOR CODING ACCESSORIES | | ACCESSORIES | |
|--------------------------|-------|---------------|--|
| TWS010 | Gray | APU102 | Outlet cover plate, white |
| TWS011 | Black | APU202 | Outlet surface mounting package, white, 85mm |
| TWS071 | Brown | APU302 | Outlet cover plate, white, 85 mm |
| TWS111 | Blue | APV750 | Terminator for TWS, diameter 5 mm |
| TWS131 | White | APV752 | Terminator for TWS, diameter 4 mm |
| TWS171 | Red | | |

ORDERING INFORMATION

| | |
|---------------|--|
| TWS010 | Antenna wall outlet 1dB 5-1750 MHz, terminated |
| TWS011 | Antenna wall outlet 1dB 5-1750 MHz, terminated, DC feedthrough |
| TWS071 | Antenna wall outlet 7dB 5-1750 MHz, terminated |
| TWS111 | Antenna wall outlet 11dB 5-1750 MHz, terminated |
| TWS131 | Antenna wall outlet 13dB 5-1750 MHz, terminated |
| TWS171 | Antenna wall outlet 17dB 5-1750 MHz, terminated |



TELESTE CORPORATION
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TWS-SERIES_20200623

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