



Belden Low Loss 1/2" Coaxial Cables for Wireless Transmission

Belden Low Loss 1/2" Coaxial Cables for Wireless Transmission allow building owners to support the growing numbers of people and devices utilizing their networks while providing strong signal strength and minimal interference. In environments where people expect constant uptime with no hiccups or delays, these cables can help boost revenue and satisfaction levels. When installing a new-generation wireless solution, such as Wi-Fi 6, 5G or small cells, Belden copper and fiber connectivity systems are designed and ready to handle the increased speeds and bandwidth required.



BENEFITS

- Excellent performance: supports strong signal strength, minimal interference and fast, reliable wireless connectivity
- Provides peace of mind that public responders can communicate inside buildings during times of emergency
- Supports wireless technologies up to 6 GHz



FEATURES

- Designed for low loss (attenuation), low passive intermodulation (PIM) and low-voltage standing wave ratio (VSWR) (return loss)
- Continuous annular corrugated copper outer conductor shields against EMI/RFI noise and makes it flexible to bend during installation
- Third-party ETL verification to UL CMP and CMR specifications
- Tested and qualified to terminate with JMA Wireless connectors



KEY APPLICATIONS

- In-building wireless systems for active and passive distributed antenna systems (DAS)
 - 4G LTE, LTE Advanced (LTE-A) and LTE Advanced Pro with Licensed Assisted Access (LAA)
 - Public safety emergency responder radio communications systems (ERRCS)
- CBRS/private LTE networks

Ordering Information

Low Loss 1/2" Coaxial Cables for Wireless Transmission

| Description | Belden Part Number | | | | | | | |
|---|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Black | | Blue | | Off-White | | Red | |
| | 1000 ft reel | *3000 ft reel | 1000 ft reel | *3000 ft reel | 1000 ft reel | *3000 ft reel | 1000 ft reel | *3000 ft reel |
| 1/2" Plenum Air Coax | RA500P 0101000 | RA500P 0103000 | RA500P 0061000 | RA500P 0063000 | RA500P 3651000 | RA500P 3653000 | RA500P 0021000 | RA500P 0023000 |
| 1/2" Foam Dielectric, Riser-Rated Coax | RA500R 0101000 | RA500R 0103000 | — | — | — | — | — | — |
| 1/2" Foam Dielectric, UV-Resistant Coax | RA500 0101000 | RA500 0103000 | — | — | — | — | — | — |

*Length tolerance for 3000 ft reel +/-10%, 1 piece

For approved connectors and tools, see JMA Wireless Connector Matrix on www.jmawireless.com/PD/Connector_UXP_matrix/Content/Home.htm

For more information, visit
www.belden.com/low-loss-coax