

**COMMUNICATION CABLE
C.G. (PR/AWG)**

Part # 6175
(6 PR / 20 AWG)

Quabbin Wire & Cable Co., Inc.
Ware, Massachusetts
1-800-368-3311

Part # 9886
(6 PR / 20 AWG)

Belden Wire & Cable Co., Inc
Richmond, Indiana
1-800-235-3361

Method of Documentation of Acceptance: By brand and manufacturer.

The following procedure must be followed in acquiring approval of materials to be added to the above Qualified Products List:

1. The cable shall be suitable for installation in aerial and / or duct locations consisting of multiple, individually shielded pairs of stranded copper conductors. The number of pairs of stranded copper conductors shall be specified in the job specifications.

2. Conductors shall be stranded copper wire of the gauge (AWG) specified, individually twisted and shielded pairs with drain wire and constructed to minimize coupling and crosstalk. Insulation between conductors shall be polyethylene and rated at 300 VAC or greater. Conductor resistance at 68°C shall not exceed values listed in the job specifications. The resistance unbalance between the two conductors of a pair shall not exceed 4%.

The cable pairs shall be shielded with a corrosion / oxidation resistant aluminum or tape shield, coated on both sides with a blue tinted ethylene copolymer, shall overlap and have a minimum thickness of 0.32 mm(0.008 in.). The outer jacket shall consist of black (sunlight resistant) polyethylene.

3. The manufacturer shall submit samples and product information.

4. Destination samples will be taken as deemed necessary by the Materials Engineer to assure compliance with specifications.

5. Failure of these samples either in the laboratory or in field applications is sufficient reason to reconsider acceptance of the material. Suspension of further use and/or removal from the QPL may occur until the Materials Engineer determines that the product is in compliance with applicable specifications and requirements.