



# INTERCOM CABLE



## APPLICATION :

PHILFLEX Intercom Cable is used for inside wiring applications, connector cables and other multi-line installation.

## CONSTRUCTION :

PHILFLEX Intercom Cable copper conductors are annealed (soft) copper, The conductors is uniformly insulated with a semi rigid polyvinyl chloride compound. The insulated conductors are twisted pairs which are stranded together to form the core or stranded into units and then units cable together to form a core. The core is sheathed with abrasion polyvinyl chloride.

| No. of pairs | Conductor Size | Nom. Thick. Of Insul. | Dia. Of Twisted pair | Nom. Jacket Thick. | Nominal Diameter of Jacket. | Max. Cond. Resis. @ 20 °C | Min. Ins. Res. | Approx. Weight |
|--------------|----------------|-----------------------|----------------------|--------------------|-----------------------------|---------------------------|----------------|----------------|
|              | mm (AWG)       | mm                    | mm                   | mm                 | mm                          | Ω/km                      | MΩ-km          | kg/km          |
| 4            | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.60               | 6.50                        | 55.24                     | 100            | 52.06          |
| 6            | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.70               | 7.60                        | 55.24                     | 100            | 75.61          |
| 8            | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.70               | 8.50                        | 55.24                     | 100            | 95.22          |
| 10           | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.80               | 9.60                        | 55.24                     | 100            | 120.18         |
| 12           | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.90               | 10.5                        | 55.24                     | 100            | 145.39         |
| 16           | 0.64 ( 22)     | 0.30                  | 2.50                 | 0.90               | 11.80                       | 55.24                     | 100            | 184.24         |
| 18           | 0.64 ( 22)     | 0.30                  | 2.50                 | 1.00               | 14.70                       | 55.24                     | 100            | 278.65         |
| 25           | 0.64 ( 22)     | 0.30                  | 2.50                 | 1.20               | 19.80                       | 55.24                     | 100            | 500.96         |



# PHILFLEX®



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