

## Flat Single Pair PFA Insulated



**Application:** These cables are used with thermocouples for temperature measurements.

**Conductor:** Solid. Material is according to thermocouple type.

**Insulation:** PFA

**Outer sheath:** PFA or glass braid

**Construction:** Flat

**Color code:** According to IEC 60584-3

**K Type**

| AWG(mm)   | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-----------|---------------------|-----------------|-----------------|-------------------|----------------|
| 40 (0.08) | PFA                 | Glass Braid     | 260             | 0.7 x 0.9         | 3.4            |
| 36 (0.13) | PFA                 | Glass Braid     | 260             | 0.7 x 1.0         | 3.6            |
| 30 (0.25) | PFA                 | Glass Braid     | 260             | 0.9 x 1.2         | 4.5            |

**K Type**

| AWG(mm)     | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-------------|---------------------|-----------------|-----------------|-------------------|----------------|
| 40 (0.08)   | PFA                 | PFA             | 260             | 0.4 x 0.7         | 3.4            |
| 36 (0.13)   | PFA                 | PFA             | 260             | 0.5 x 0.8         | 3.6            |
| 30 (0.25)   | PFA                 | PFA             | 260             | 0.6 x 1.0         | 4.0            |
| 24 (0.51)   | PFA                 | PFA             | 260             | 1.4 x 2.4         | 10.0           |
| 24 (7/0.2)  | PFA                 | PFA             | 260             | 1.6 x 2.6         | 10.5           |
| 22 (7/0.25) | PFA                 | PFA             | 260             | 1.7 x 3.4         | 13.4           |
| 20 (0.81)   | PFA                 | PFA             | 260             | 1.7 x 3.0         | 16.7           |
| 20 (7/0.32) | PFA                 | PFA             | 260             | 1.9 x 3.2         | 17.1           |

**E Type**

| AWG(mm)     | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-------------|---------------------|-----------------|-----------------|-------------------|----------------|
| 40 (0.08)   | PFA                 | PFA             | 260             | 0.4 x 0.7         | 3.4            |
| 36 (0.13)   | PFA                 | PFA             | 260             | 0.5 x 0.8         | 3.6            |
| 30 (0.25)   | PFA                 | PFA             | 260             | 0.6 x 1.0         | 4.0            |
| 24 (0.51)   | PFA                 | PFA             | 260             | 1.4 x 2.4         | 10.0           |
| 24 (7/0.2)  | PFA                 | PFA             | 260             | 1.6 x 2.6         | 10.5           |
| 22 (7/0.25) | PFA                 | PFA             | 260             | 1.7 x 3.4         | 13.4           |

|             |     |     |     |           |      |
|-------------|-----|-----|-----|-----------|------|
| 20 (0.81)   | PFA | PFA | 260 | 1.7 x 3.0 | 16.7 |
| 20 (7/0.32) | PFA | PFA | 260 | 1.9 x 3.2 | 17.1 |

**J Type**

| AWG(mm)     | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-------------|---------------------|-----------------|-----------------|-------------------|----------------|
| 40 (0.08)   | PFA                 | PFA             | 260             | 0.4 x 0.7         | 3.4            |
| 36 (0.13)   | PFA                 | PFA             | 260             | 0.5 x 0.8         | 3.6            |
| 30 (0.25)   | PFA                 | PFA             | 260             | 0.6 x 1.0         | 4.0            |
| 24 (0.51)   | PFA                 | PFA             | 260             | 1.4 x 2.4         | 10.0           |
| 24 (7/0.2)  | PFA                 | PFA             | 260             | 1.6 x 2.6         | 10.5           |
| 22 (7/0.25) | PFA                 | PFA             | 260             | 1.7 x 3.4         | 13.4           |
| 20 (0.81)   | PFA                 | PFA             | 260             | 1.7 x 3.0         | 16.7           |
| 20 (7/0.32) | PFA                 | PFA             | 260             | 1.9 x 3.2         | 17.1           |

**T Type**

| AWG(mm)     | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-------------|---------------------|-----------------|-----------------|-------------------|----------------|
| 40 (0.08)   | PFA                 | PFA             | 150             | 0.4 x 0.7         | 3.4            |
| 36 (0.13)   | PFA                 | PFA             | 150             | 0.5 x 0.8         | 3.6            |
| 30 (0.25)   | PFA                 | PFA             | 150             | 0.6 x 1.0         | 4.0            |
| 24 (0.51)   | PFA                 | PFA             | 260             | 1.4 x 2.4         | 10.0           |
| 24 (7/0.2)  | PFA                 | PFA             | 260             | 1.6 x 2.6         | 10.5           |
| 22 (7/0.25) | PFA                 | PFA             | 260             | 1.7 x 3.4         | 13.4           |
| 20 (0.81)   | PFA                 | PFA             | 260             | 1.7 x 3.0         | 16.7           |
| 20 (7/0.32) | PFA                 | PFA             | 260             | 1.9 x 3.2         | 17.1           |

**N Type**

| AWG(mm)   | Insulation Material | Sheath Material | Max. Temp. (°C) | Nominal O.D. (mm) | Weight (kg/km) |
|-----------|---------------------|-----------------|-----------------|-------------------|----------------|
| 30 (0.25) | PFA                 | PFA             | 260             | 0.6 x 1.0         | 1.7            |
| 24 (0.51) | PFA                 | PFA             | 260             | 1.4 x 2.4         | 6.7            |
| 20 (0.81) | PFA                 | PFA             | 260             | 1.7 x 3.0         | 10.0           |