

ITC - BT 07, 09, 20

STANDARDS

Product IEC 60502; UNE 21123

Test IEEE 383

INSTALLATION

These cables can be fixed on cable trays, within conduits or fixed to walls. They also can be buried directly with extra mechanical protection.

Core colours

- 2 cores = Brown + Light blue
- 3 cores = Brown + Black + Grey or Light blue + Brown + Green-Yellow
- 4 cores = Black + Grey + Brown + Light blue or Green-Yellow
- 5 cores = Black + Light blue + Brown + Grey + Green-Yellow
- > 5 cores = 1 Green-Yellow + others Black conductors numbered

Marking

Plant nr Nexans RV-K 0.6/1 kV n(G or x) s DD YYYY UNE 21123 AC RETFOC - metric marking.

- n = number of cores
- s = section in mm²
- DD YYYY = traceability
- G = with Green-Yellow
- x = without Green-Yellow



Conductor flexibility
Flexible class 5



Rated Voltage U₀/U (Um)
0,6/1 kV



Cable flexibility
Flexible

CHARACTERISTICS

Construction characteristics

| | |
|--------------------------------|------------------|
| Conductor flexibility | Flexible class 5 |
| Conductor material | Bare copper |
| Insulation | XLPE (chemical) |
| Outer sheath | PVC |
| Conductor shape | Circular |
| With smaller neutral conductor | No |

Dimensional characteristics

| | |
|--|-------------------|
| Neutral conductor section (when smaller) | - mm ² |
|--|-------------------|

Electrical characteristics

| | |
|---|----------|
| Max. DC resistance of the conductor at 20°C | - Ohm/km |
| Rated Voltage U ₀ /U (U _m) | 0,6/1 kV |








Mechanical characteristics



| | |
|-------------------|----------|
| Cable flexibility | Flexible |
|-------------------|----------|

Usage characteristics

| | |
|-----------|------|
| Packaging | Drum |
|-----------|------|

PRODUCT LIST

| Nexans Ref. | Country Ref. | Name | Number of cores | Conductor cross-section [mm ²] |
|--|--------------|---|-----------------|--|
|  10049256 | - | RETFLEX-FOC® RV-K 1X300 mm ² | 1 | 300 |
|  10059984 | - | RET-FLEX 3G4 GL5000 | 3 | 4 |
|  10073876 | - | RETFLEX-FOC® RV-K 4X70 mm ² | 4 | 70 |
|  10073877 | - | RETFLEX-FOC® RV-K 4X95 mm ² | 4 | 95 |
|  10279407 | - | Nexans RV-K MOBIWAY MOB 3G1.5 D250 | 3 | 1.5 |
|  10279408 | - | Nexans RV-K MOBIWAY MOB 3G2.5 D200 | 3 | 2.5 |
|  10120712 | - | RETFLEX-FOC®, RV-K,4G16 mm ² | 4 | 16 |

 = Make to order,  = In stock,