

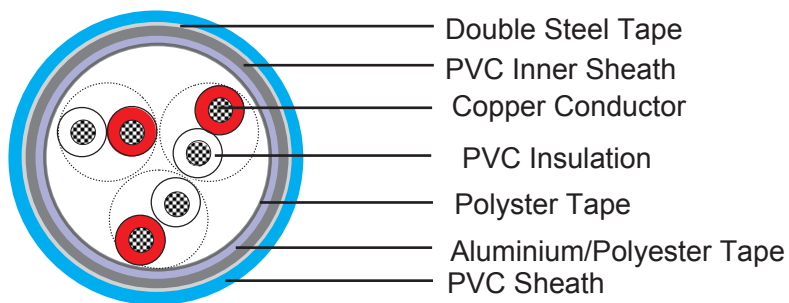


## NF M 87-202 EGFA

### Applications:

These NF M 87-202 EGFA instrumentation cables are used to transmit analogue or digital signals in measurement and process control where chemicals may be present.

### Construction:



#### Conductor:

Solid or Stranded copper conductor

#### Insulation:

PVC (70 mm maximum pair length)

#### Binder tape:

Polyster tape

#### Collective Screen:

Aluminium/polyester tape

#### Inner Sheath:

PVC

#### Armouring:

Double Steel Tap

#### Outer Sheath:

PVC (Flame retardant, sunlight, mineral oil and hydrocarbon resistant)

#### Outer Sheath Colour:

Light-blue



### Core identification

Colours	Natural	Red	Blue	Yellow
1 pair	X	X		
1 triple	X	X	X	
1 quad	X	X	X	X

Natural cores printed with pair/triple number

### Standards References:

NF M 87-202

UTE C 32-014

NF C 32-020

IEC 60332-1

IEC 60332-3-24

### Characteristics:

**Voltage Rating:** 300/500V

**Operating Temperature:** -40° C/+90° C

**Installation Temperature:** MAX+50° C

**Maximum Voltage:** 250V

**Voltage Test:** 2000V

**Maximum conductor d.c. Resistance:**

Conductor Size	Ohm/km at +20°C
1/0.80mm(0.50 sqmm)	37.50
7/0.40mm(0.88 sqmm)	21.40
7/0.53mm(1.50 sqmm)	12.50

**Capacitance between cond. (nf/km):**

0.5 sqmm ≤ 145

0.88 sqmm ≤ 160

1.50 sqmm ≤ 180

### Type/codification:

<b>1 Serie</b>	Number of pairs, triples or quads / 01 to 27
<b>2 Serie</b>	Lay up in pair(IP) ,triple (IT) , quads (IQ)
<b>3 Serie</b>	Core section 05 (0.5mm <sup>2</sup> ) , 09 (0.88 mm <sup>2</sup> ) or 15(1.5mm <sup>2</sup> )
<b>4 Serie</b>	Overall screen(EG) or individual screen + overall screen(EI)
<b>5 Serie</b>	Mechanical protection: without armour (SF), with armour (FA), with lead + armour(PF)

### Dimensions and Weight:

NF M 87-202	Number of beams x cross section	Cond. mm <sup>2</sup>	Outer Diameter(mm)		Weight (kg/km)
			Min.	Max.	
03 IP 05 EGFA	3X2X0.5	0.50	10.90	12.50	215
07 IP 05 EGFA	7X2X 0.5	0.50	13.60	15.60	320
12 IP 05 EGFA	12X2X 0.5	0.50	16.60	19.10	465
19 IP 05 EGFA	19X2X 0.5	0.50	20.00	22.90	640
27 IP 05 EGFA	27X2X 0.5	0.50	22.60	25.90	610
01 IQ 09 EGFA	1X4X0.88	0.88	10.00	11.40	195
01 IP 09 EGFA	1X2X0.88	0.88	9.10	10.50	160
03 IP 09 EGFA	3X2X0.88	0.88	13.50	15.50	310
07 IP 09 EGFA	7X2X0.88	0.88	17.20	19.70	475
12 IP 09 EGFA	12X2X0.88	0.88	21.30	24.40	720
19 IP 09 EGFA	19X2X0.88	0.88	25.70	29.40	1000
27 IP 09 EGFA	27X2X0.88	0.88	29.60	34.00	1300
07 IT 05 EGFA	7X3X0.50	0.50	15.10	17.30	405
12 IT 05 EGFA	12X3X0.50	0.50	18.40	21.10	580
01 IT 09 EGFA	1X3X0.88	0.88	9.40	10.80	175
07 IT 09 EGFA	7X3X0.88	0.88	19.20	22.00	625
12 IT 09 EGFA	12X3X0.88	0.88	23.70	27.10	955
01 IT 15 EGFA	1X3X1.50	1.50	10.50	12.00	220