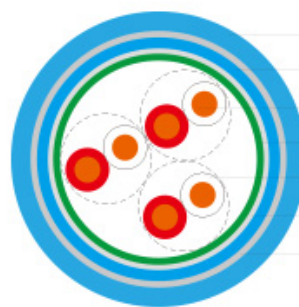


NF M 87-202 EGFA



Outer Sheath
Inner Sheath
Conductor
Binder Tape
Insulation
Collective Screen
Armour

APPLICATION

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.

Standards References:

NF M 87-202
UTE C 32-014
NF C 32-020
IEC 60332-1
IEC 60332-3-24

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

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:

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

Natural cores printed with pair/triple number

Dimensions and Weight:

NF M 87-202	Number of beams x cross section	Cond. mm ²	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