

Bifilar/trifilar cables for high temperatures

Structure:

Interior conductor:

Multicore uncovered/stanned/silvered copper wire

Insulation:

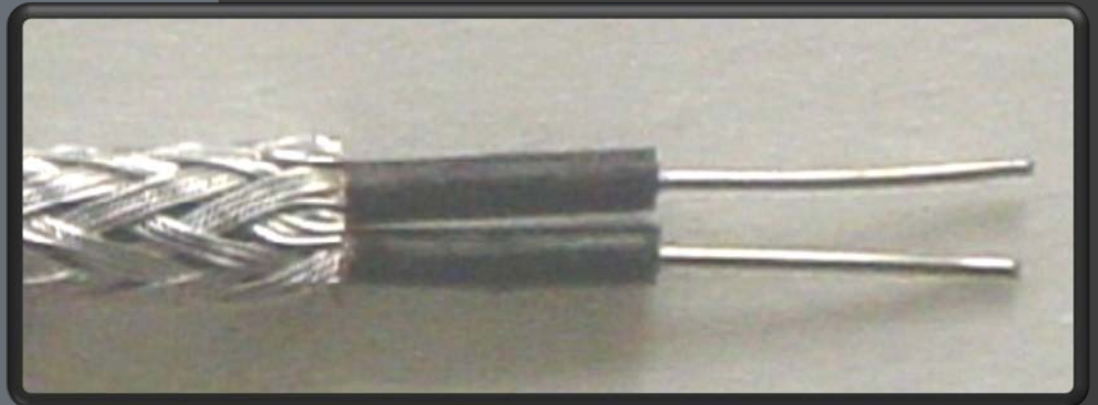
TEFLON® FEP
DYNEON® FEP

Screen:

Multicore uncovered/stanned/silvered copper wire

Sheath:

TEFLON® FEP
DYNEON® FEP



Characteristics:

Working temperature:

Uncovered copper conductor: -55....+130°C

Stanned copper conductor: -55....+180°C

Silvered copper conductor: -55....+ 200° C

Flame retardant

Working voltage: 600 V a.c.

Applications:

Cabling of electrical and electronic equipments.

ICPE

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Nominal cross - section mm^2		Construction $n \times \varnothing mm$	Number of conductors x nominal cross-section	Maximum outside diameter mm	Maximum electrical resistance at 20°C $\Omega \cdot Km^{-1}$	Capacity conductor-conductor pF/m	Capacity conductor - screen pF/m
0,055	AWG 30	7 x 0,10	2 x 0,055	2,8	391	55	110
			3 x 0,055	2,95		53	106
0,093	AWG 28	7x 0,13	2 x 0,093	3	222	62	124
			3 x 0,093	3,15		61	122
0,14	AWG 26	7 x 0,16	2 x 0,14	3,6	132	60	120
			3 x 0,14	3,8		57	114
0,22	AWG 24	7 x 0,20	2 x 0,22	3,8	86	62	124
			3 x 0,22	4		61	122
0,34	AWG 22	7 x 0,25	2 x 0,34	4,1	54	70	140
			3 x 0,34	4,35		69	138
0,5		16 x 0,2	2 x 0,5	4,5	38	79	158
			3 x 0,5	4,75		78	156
0,6	AWG 20	19 x 0,2	2 x 0,6	4,6	32	82	164
			3 x 0,6	4,85		80	160
0,75		24 x 0,2	2 x 0,75	5	26	90	180
			3 x 0,75	5,3		88	176
1		32 x 0,2	2 x 1	5,3	19	96	192
			3 x 1	5,7		94	188
1,5		30 x 0,25	2 x 1,5	5,9	13	105	210
			3 x 1,5	6,2		102	204
1,91	AWG 14	27 x 0,30	2 x 1,91	6,3	10	110	220
			3 x 1,91	6,7		108	216
2,5		50 x 0,25	2 x 2,5	6,8	8	120	240
			3 x 2,5	7,3		116	232
3,18	AWG 12	45 x 0,30	2 x 3,18	7,4	6	125	250
			3 x 3,18	7,9		121	242
4		56 x 0,30	2 x 4	7,8	5	130	260
			3 x 4	8,3		125	250

Symbol cf. S.F. 439-97 : CsE₃EE₃nm ...
CsE₃EE₃cm ...
CsE₃EE₃am ...

where : Cs - special cable
E₅ / E₃ - FEP / PFA insulation and sheath
E - screen
n / c / a - uncovered / tinned / silver-plated wire
m - stranded wire