

Nexans Ref. Code		10546343-IT	10546347-IT	10546275-IT
		10546521-RO-B	10546524-RO-B	10546527-RO-B
		10546522-RO-D	10546525-RO-D	10546528-RO-D
		10546523-RO-M	10546526-RO-M	10546529-RO-M
Formation		3x1x95	3x1x185	3x1x240
Electrical resistance @ 20°C - d.c. max	[Ω/km]	0,320	0,164	0,125
Electrical resistance @ 90°C - a.c.	[Ω/km]	0,411	0,211	0,161
X Phase Reactance @ 50 Hz	[Ω/km]	0,118	0,106	0,102
C Capacitance	[μF/km]	0,262	0,333	0,372
Current capacity in ground @ 20°C	[A]	218	314	364
Current capacity in air @ 40°C	[A]	245	369	438
Short circuit current conductor Tmax 250°C	kA x 1s	9,0	17,5	22,7
Short circuit current screen Tmax 150°C	kA x 0,5s	2,4	2,8	3,0
Note				
<i>formation : trefoil</i>				
<i>laying depth: 0,8 [m]</i>				
<i>soil thermal resistivity: 1,5 [°Cm/W]</i>				
<i>metallic layers connection: solid bonding (earthed at both ends)</i>				