

<b>Nexans Ref. Code</b>		<b>- IT</b>	<b>10546324-IT</b>	<b>- IT</b>
		<b>- RO-B</b>	<b>10546518-RO-B</b>	<b>- RO-B</b>
		<b>- RO-D</b>	<b>10546519-RO-D</b>	<b>- RO-D</b>
		<b>- RO-M</b>	<b>10549896-RO-M</b>	<b>- RO-M</b>
<b>Formation</b>		<b>1x95</b>	<b>1x185</b>	<b>1x240</b>
<b>Electrical resistance @ 20°C - d.c. max</b>	<b>[Ω/km]</b>	0,320	0,164	0,125
<b>Electrical resistance @ 90°C - a.c.</b>	<b>[Ω/km]</b>	0,411	0,211	0,161
<b>X Phase Reactance @ 50 Hz</b>	<b>[Ω/km]</b>	0,118	0,106	0,102
<b>C Capacitance</b>	<b>[μF/km]</b>	0,262	0,333	0,372
<b>Current capacity in ground @ 20°C</b>	<b>[A]</b>	218	314	364
<b>Current capacity in air @ 40°C</b>	<b>[A]</b>	245	369	438
<b>Short circuit current conductor Tmax 250°C</b>	<b>kA x 1s</b>	9,0	17,5	22,7
<b>Short circuit current screen Tmax 150°C</b>	<b>kA x 0,5s</b>	2,4	2,8	3,0
<b>Note</b>				
<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>				