

Nexans Ref. Code	Formation	Electrical resistance @ 20°C - d.c. max	Electrical resistance @ 90°C - a.c.	X Phase Reactance @ 50 Hz	C Capacitance	Current capacity in ground @ 20°C	Current capacity in air @ 30°C	Short circuit current conductor Tmax 250°C	Short circuit current screen Tmax 180°C
		[Ω/km]	[Ω/km]	[Ω/km]	[μF/km]	[A]	[A]	kA x 1s	kA x 0,5s
10565026	1x150	0,206	0,265	0,122	0,206	284	376	14,2	2,7
-	1x185	0,164	0,211	0,117	0,222	321	432	17,5	2,7
-	1x240	0,125	0,161	0,112	0,246	372	512	22,7	2,7
10565028	1x300	0,100	0,129	0,109	0,267	420	587	28,3	2,7
-	1x400	0,078	0,101	0,105	0,293	480	685	37,8	2,6
10565030	1x500	0,0605	0,079	0,101	0,324	548	797	47,2	2,6
-	1x630	0,0469	0,063	0,098	0,357	625	928	59,5	2,6

Note
formation: trefoil
laying depth: 0,8 [m]
soil thermal resistivity: 1,5 [°Cm/W]
metallic layers connection: "solid bonding" (earthed at both ends)