

CU-1/0.5 or 2/0.5 distribution wire FRLSZH

Copper jumper wire acc. to Telenor specification K3-27 ed. 2

Application

Fixed in-house installation for analogue and digital communication

Flame resistance

IEC 60332-1

Construction

Conductor	Annealed tinned copper wire, nom. 0.5 mm Ø			
Insulation	Polyamide, nom. 0.86 mm Ø			
Insulation thickness	nom. 0.18 mm			
stranding	2 conductors twisted into a pair (4 conductors twisted into a pair quad)			
Conductor colour code	a-wire		b-wire	
A	White		Grey	
B	White		Red	
C	White		Black	
Conductor colour code	a-wire	b-wire	c-wire	d-wire
D	White	Red	Green	Black

Mechanical properties

Storage temperature	- 40° C to + 75° C
Installation temperature	- 15° C to + 40° C
Operating temperature	- 40° C to + 75° C

Electrical properties

at 20°C

DC resistance	max. 97.8 Ω/km
Insulation resistance (at 500 V, 1 min.)	5 GΩ*km

Technical data

Part no.	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content
1004216	CU-1/0.5 WH/GY	1x2x0.5	1.7	300	4.5	4
1004217	CU-1/0.5 WH/RD	1x2x0.5	1.7	300	4.5	4
1018871	CU-1/0.5 WH/BK	1x2x0.5	1.7	300	4.5	4
1004218	CU-2/0.5 WH/RD/GN/BK	2x2x0.5	2.0	300	9.0	8