

LONWorks™

LSZH FireFighter® 410Series Industrial Data Screened 600 Volts

Cable Design 1x2x22awg

Conductor	Solid plain copper wire
AWG	22
Insulation	Polyethylene (PE)
Pair identification	BLUE/white - WHITE/blue ORANGE/white - WHITE/orange
Formation	2 cores twisted to a pair
N° of Pairs	1 or 2
Screen	Aluminium/polyester tape
Drain Wire	Solid tinned copper wire
Outer Jacket	LSZH FireFighter®
Colour	White

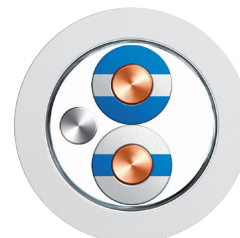


Image shown : 1 pair 4001P22S54

Specification

Belden nr.	Part Number	Construction	Overall Diameter (mm)
7703NH	4101P22S54	1 x 2 x 22awg	4,60 ± 0,3
7704NH	4102P22S54	2 x 2 x 22awg	7,50

Standards

Flame Retardant	acc. to IEC 60332-1 flame resistance for single cables
Flame Retardant	acc. to IEC 60332-3 flame resistance for bunched cables
Halogen Free	acc. to IEC 60754 series
Smoke Emission	acc. to IEC 61034 series



Electrical Data

Characteristic Impedance (nom.)		100	0hm
Velocity of Propagation (nom.)		68	%
Conductor DC Resistance		55	0hm/km
Capacitance (nom.)	1 pair	80	pF/m
	2 pair	40	pF/m
Shield DC Resistance	1 pair	34	0hm/km
	2 pair	17	0hm/km
Attenuation	0,772 MHz	1,8	dB/100m
	1 Mhz	2,0	dB/100m
	4 MHz	3,6	dB/100m
	10 MHz	5,5	dB/100m
	16 MHz	7,0	dB/100m
	20 MHz	7,8	dB/100m