

Cables for

DALI

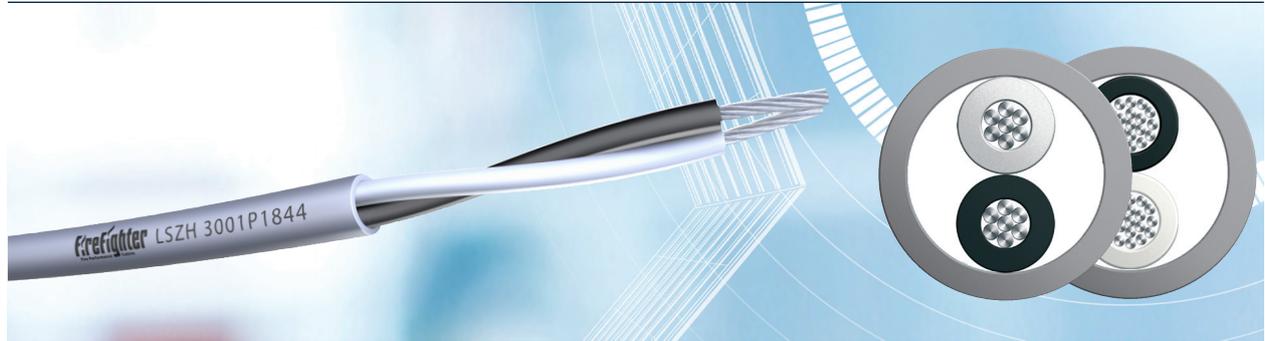
Applications

DALI (Digital Addressable Lighting Interface) is an international standard communication protocol (IEC 62386) , a global standard for dimming and digital lighting control. DALI is an open non-proprietary standard that makes genuine freely addressable lighting control a reality . DALI is very easy to install, extremely versatile and a much more cost-effective solution than many lighting control systems already on the market, despite its greater functionality.

Innovative DALI lighting solutions can be now be perfectly integrated in modern building control systems (BCS). Special gateways act as "translators" between building control systems (BCS) and DALI. They ensure that all the benefits of DALI can also be used in building management



DALI Cables LSZH FireFighter® 600V



Description

Recommended minimum Dali cable conductor size and cable run lengths are as follows:

- Up to 100 meters: 20awg
- Up to 150 meters: 18awg
- Up to 200 metres: 16awg
- Up to 300 meters: 14awg (more than 300 meters: not recommended - avoid runs over 300 meters)

Technical Description

Cores	Stranded Tinned Copper wire. LSZH FireFighter® Insulated IEC 60332-1, black/white cores.
Formation	2 cores twisted to a pair
Outer Jacket	LSZH FireFighter® IEC 60332-1 600 V
Colour	Grey

Specification

Part Number	Construction	Overall Diameter (mm)	Max. Installation Length
4001P2044-BW	1 x 2 x 20 awg	4,57	100 m
3001P1844	1 x 2 x 18 awg	6,00	150 m
4001P1644	1 x 2 x 16 awg	6,70	200 m
4001P1444	1 x 2 x 14 awg	8,64	300 m