Belcom

EIB/KNX Cables
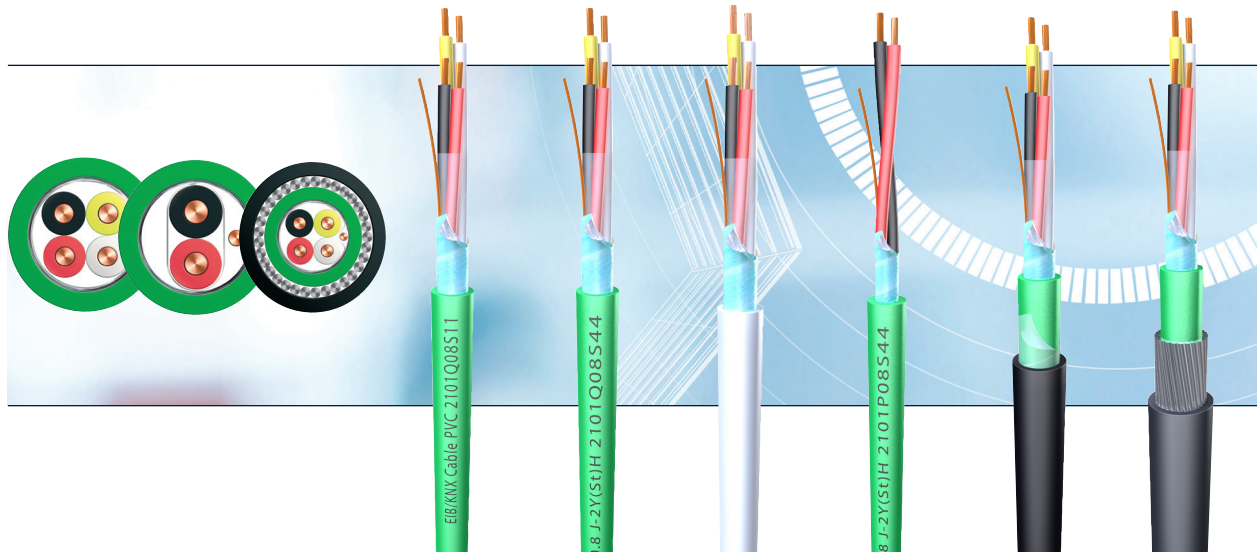
Certified #330/11612/14

KNX Certification is an approved International Standard (ISO/IEC 14543-3), European Standard (CENELEC EN 50090 and CEN EN 13321-1) and Chinese Standard (GB/T 20965). KNX future proofed products are guaranteed in their interworking and the world's only certification for the control in both commercial and residential buildings.

KNX/EIB Bus Cable LSZH for intelligent integrated building control lighting, heating, air-conditioning, ventilation, energy management, blinds, time management and locking systems.

KNX products are used to build intelligent integrated building control solutions for domestic and commercial applications. As a result, owners, residents, or managers of these properties have control over the everyday working or living environment. This can cover all building services such as lighting, blinds / shutters, security systems, energy management, heating, ventilation and air-conditioning systems, signalling and monitoring systems, interfaces to service and building control systems, remote control, metering, audio / video control and white goods.

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Cable Guide

Part Number		2101Q08S11	2101Q08S44	2101Q08S44-10	2101P08S44	22101Q08S44	142101Q08S44
Certified		-	✓	✓	✓	✓	✓
Physical Characteristics							
Formation		1 x 4	1 x 4	1 x 4	1 x 2	1 x 4	1 x 4
Core Identification		■■■□	■■■□	■■■□	■■	■■■□	■■■□
Conductor Diameter	mm	0,8	0,8	0,8	0,8	0,8	0,8
Overall Diameter	mm	6,1	6,1	6,1	5,6	9,1	10,4 ± 0,4
Bending Radius	mm	45,75	45,75	45,75	55	-	-
Weight	kg/km	60	60	60	39	90	380
Conductor		bare copper	bare copper	bare copper	bare copper	bare copper	bare copper
Insulation		PVC	LSZH FireFighter®	LSZH FireFighter®	LSZH FireFighter®	LSZH FireFighter®	LSZH FireFighter®
Drain Wire		bare copper	bare copper	bare copper	bare copper	bare copper	bare copper
Screen		Alulaminate foil	Alulaminate foil	Alulaminate foil	Alulaminate foil	Alulaminate foil	Alulaminate foil
Inner Jacket		-	-	-	-	LSZH FireFighter®	LSZH FireFighter®
Armour		-	-	-	-	-	DataGuard® SWA
Outer jacket		PVC	LSZH FireFighter®	LSZH FireFighter®	LSZH FireFighter®	MDPE	LSZH FireFighter®
Outer Jacket Colour		Green	Green	White	Green	Black	Black
Electrical Characteristics							
Loop Resistance (max.)	Ω/km	73,2	73,2	73,2	73,2	73,2	73,2
Insulation Resistance (min.)	MΩxkm	100	100	100	100	100	100
Operating Voltage (peak)	V	300	300	300	300	300	300
Test Voltage (core-shield) 1 min.	kV 50 Hz	4	4	4	4	4	4