



## S5024T Safety Related LSZH Breakout Cables

CableLAN Nuclear's S5024T series cables are manufactured to meet the flame test requirements of IEEE1682, IEEE1202, UL1666 and CSA FT-4. Completely non-halogenated, S5024T LSZH cables are used extensively in nuclear power plants around the world. The design complies with NRC Reg. Guide 1.131 and contains no PVC. CableLAN, and its cable partner Prysmian, are the world's leading supplier of these cables in the nuclear power market.

### S5024T Part Number and Dimensions

Part Number	# Fibers	OD Mm (in)	Weight kg/km (lbs./M)	Minimum Bend Radius		Pull Strength N (lbs)
				Short Term cm (in)	Long Term cm (in)	
S5024T-02R-XXY	2	7.4 (0.29)	48 (32)	11 (4.4)	7.4 (2.9)	1200 (270)
S5024T-04-XXY	4	8.4 (0.33)	57 (38)	12.5 (4.9)	8.4 (3.3)	2000 (450)
S5024T-06-XXY	6	9.3 (0.37)	83 (560)	14 (5.5)	9.3 (3.7)	2700 (600)
S5024T-08-XXY	8	11.3 (0.37)	122 (82)	17 (6.7)	11.3 (4.5)	2700 (600)
S5024T-12-XXY	12	14.5 (0.57)	205 (137)	21.8 (8.6)	14.5 (5.7)	2700 (600)
S5024T-18-XXY	18	14.7 (0.58)	198 (133)	22 (8.7)	14.7 (5.8)	2700 (600)
S5024T-24-XXY	24	16.5 (0.65)	268 (180)	24.8 (9.8)	16.5 (6.5)	2700 (600)
S5024T-36-XXY	36	19.8 (0.78)	336 (225)	29.7 (11.7)	20.0 (7.8)	2700 (600)

All cables can contain any fiber type. Replace the "XXY" in the part number with the appropriate fiber code below:

Type	Class	Standard	Rad Hard	SuperRad Hard	Attenuation (dB/km)	Bandwidth (Mhz-km)
62.5/125	OM1	62X	62RH		3.5/1.5	200/500
50/125	OM2	OM2	50RH		3.5/1.5	550/550
50/125	OM3	OM3	OM3RH	50SRH	3.5/1.5	1000/550
50/125	OM4	OM4			3.5/1.5	3500/550
Singlemode	OS1	OS1	10RH	10SRH	0.4/0.3	
Singlemode	OS2	OS2			0.4/0.3	

Please contact CableLAN for other fiber types and cables containing combinations of fibers under one jacket. Please contact us at 1-800-840-6655 or by [email](#).