

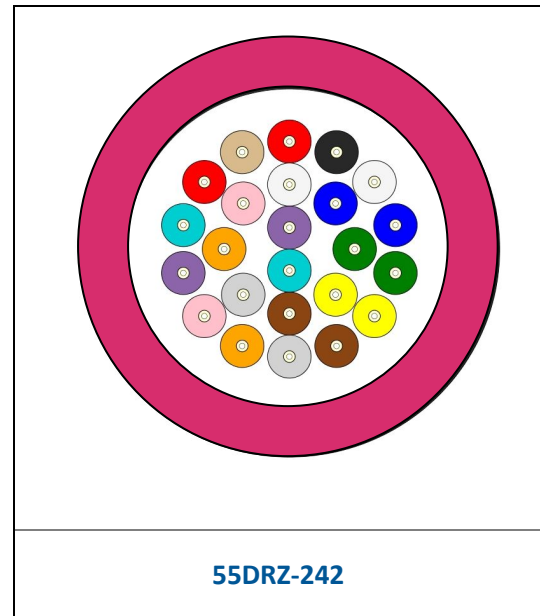
APPLICATION

The DRZ Premises Distribution Cable family offers up to 24 tight buffered fibers in a compact cable construction. The product range is designed using non-wicking yarns and UV stable halogen free flame-retardant low smoke halogen free (HFFR-LS) sheathing material as standard.

DRZ Premises Distribution Cables are suitable for use in structured cabling installations: data centers, LANs, SANs and longer length backbones.

FEATURES AND BENEFITS

- 2-24 halogen free flame-retardant low smoke HFFR-LS sheathed tight buffered fibers - color coded according to TIA-598-D
- Customizable fiber selection - single-mode, multi-mode and hybrid versions to suit a variety of applications
- Flexible strength members - in the form of high tensile yarns for improved installation preparation time
- UV stable halogen free flame-retardant low smoke HFFR-LS jacket - meets the requirements of the Construction Products Regulation (CPR) EuroClass Eca
- Exceeds the mechanical and environmental performance defined by IEC 60794-2-20
- Included in the Leviton 25 year system warranty when used in conjunction with Leviton fiber connectivity; System warranties available for qualified projects installed by certified contractors



STANDARDS

Applicable Cable

Standards: IEC 60794-2-20

Test Standards: IEC 60794-1-21 and IEC 60794-1-22

FIBER IDENTIFICATION

Fiber Identifier*	SM	5L	55
IEC 60793 Reference	2-50-B1.3	2-10-A1a.2	2-10-A1a.3
ITU-T Recommendation	G.652.D	G.651.1	G.651.1
ISO/IEC 11801 Category	OS2	OM3	OM4
Jacket Color	Yellow	Aqua	Magenta

MATERIAL IDENTIFICATION

Material Description	HFFR-LS
Flammability Rating	IEC 60332-1-2
Fire EuroClass EN13501-6	Eca
Acid Gas Emission	IEC 60754-2

PHYSICAL CHARACTERISTICS

Fiber Count	Nom. Buffer Diameter(mm)	Nom. Cable Diameter (mm)	Nominal Cable Weight (kg/km)
2	0.9	5.3	30
4		5.5	33
6		5.9	38
8		6.5	45
12		7.1	53
16		7.7	62
24		8.9	78

MECHANICAL PERFORMANCE

Fiber Count	Max. Long Term Load (N)	Max. Short Term Load (N)	Min. Static Bend	Min. Dynamic Bend	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns ± 180°)
2-6	400	1000	10 x Cable Diameter	15 x Cable Diameter	1000	5	5
8	441	1500					
12	519	1600					
16	608	2000					
24	765	2300					

TEMPERATURE PERFORMANCE

Fiber Count	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
2-24	-20°C to + 60°C	-20°C to + 60°C	-10°C to + 60°C

PACKAGING INFO

Fiber Count	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
2	710 x 390	915 x 460	77	143	3	2
4	710 x 390	915 x 460	83	155	3	2
6	915 x 460	915 x 460	98	174	2	2
8	915 x 460	1070 x 510	113	214	2	2
12	915 x 460	1070 x 510	129	245	2	2
16	915 x 460	1070 x 510	149	286	2	2
24	915 x 460	1200 x 700	179	348	2	1

PART NUMBER CONFIGURATOR

a - DRZ - b - c

a = Fiber Identifier*
e.g. "5L" for OM3 fiber
b = 2-digit fiber count
e.g. "08" for 8 fiber cable

c = Length
e.g. "2" for 2km Spool

Example part number: 5LDRZ-082

*"Leviton is **dedicated to designing, developing and manufacturing** sustainable **high performance** structured cabling and specialty **cabling solutions.**"*

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.