

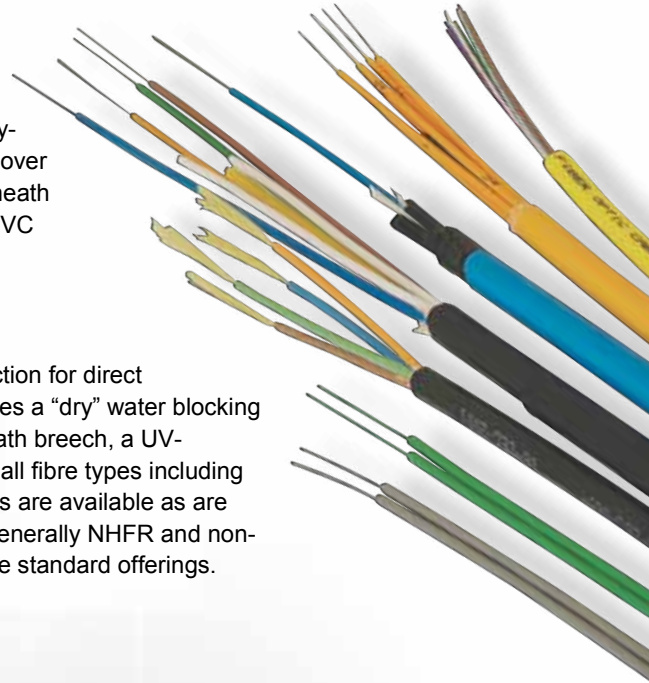
## MSS Indoor/Outdoor Riser Cable

### Description:

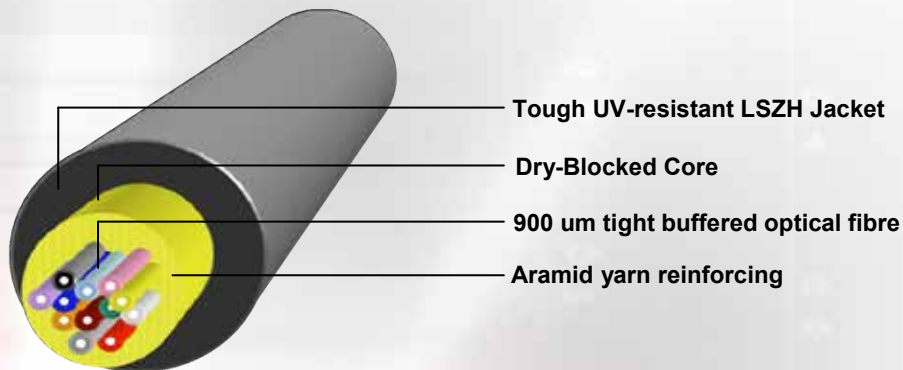
ROHS compliant multi fibre Riser cable constructed from 900um PVC tight buffer jacketed fibres, stranded together with aramid yarn and “Dry-Block” water-swellable aramid reinforcing and blocking yarns, typically over sheathed with black UV-resistant LSZH for indoor/outdoor versions. Sheath printing includes length marking at 1 meter intervals. Options include PVC sheath, NHFR sheath, alternative colours, any fibre type and up to 96 fibres.

### Application:

The outdoor version of this tight buffer riser cable is the preferred selection for direct termination methods linking buildings and used as backbones. It features a “dry” water blocking system to prevent the flow of water along the cable in the event of sheath breach, a UV-resistant LSZH jacket for exposed situations, and it can accommodate all fibre types including different types within the same cable. PVC and NHFR sheathed options are available as are alternative colours. These are ideal for duct and indoor applications. Generally NHFR and non-black materials do not have the same high level of UV resistance as the standard offerings.



### Indoor Outdoor Riser Breakdown:



Physical Characteristics:							
Fibre Count	4	6	8	12	24	36	48
Nominal Cable Diameter (mm)	5.8	6.2	6.8	7.2	8	9.5	10.5
Nominal Weight (kg/km)	28	33	36	41	58	80	96
Operating Temperature (C)	----- -10 to +70 (indoor/outdoor) ----- ----- 0 to +60 (indoor) -----						
Tensile Strength (N)	600	600	600	600	900	1100	1200
Max. Crush resistance (N/100mm)	500	500	500	500	500	500	500
Long term Crush (N/100mm)	250	250	250	250	250	250	250
Min. Loaded bending radius (mm)	120	124	126	144	160	190	210
Min. Off load bending radius (mm)	86	93	102	108	120	143	163

### Ordering Information:

Product Code	Description
MSS-CAB-IOR-02-MM	2 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-02-SM	2 Core Indoor/Outdoor Riser – Singlemode OS1
MSS-CAB-IOR-04-MM	4 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-04-SM	4 Core Indoor/Outdoor Riser – Singlemode OS1
MSS-CAB-IOR-06-MM	6 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-06-MM3	6 Core Indoor/Outdoor Riser – Multimode OM3
MSS-CAB-IOR-06-SM	6 Core Indoor/Outdoor Riser – Singlemode OS1
MSS-CAB-IOR-08-MM	8 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-08-SM	8 Core Indoor/Outdoor Riser – Singlemode OS1
MSS-CAB-IOR-12-MM	12 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-12-MM3	12 Core Indoor/Outdoor Riser – Multimode OM3
MSS-CAB-IOR-12-SM	12 Core Indoor/Outdoor Riser – Singlemode OS1
MSS-CAB-IOR-24-MM	24 Core Indoor/Outdoor Riser – Multimode OM1
MSS-CAB-IOR-24-MM3	24 Core Indoor/Outdoor Riser – Multimode OM3
MSS-CAB-IOR-24-SM	24 Core Indoor/Outdoor Riser – Singlemode OS1