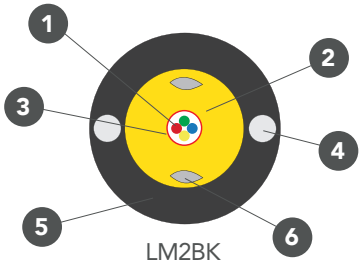
DATASHEET

DROPTIC® LM2BK & LM8BK OUTDOOR/INDOOR DROP CABLES

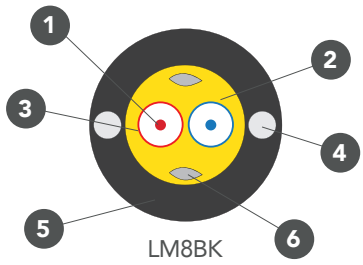
Telenco networks

LM2BK

LM8BK



LM2BK



LM8BK

LEGEND	
1	Fibre
2	Aramid
3	Tube
4	FRP rod
5	Outer sheath
6	Swelling yarn

DROPTIC® LM2BK and LM8BK are modular drop cable solutions, enabling FTTH façade, overhead or duct deployments on short distances (up to 50 meters). These all dielectric and UV resistant optical cables suit for the outside plant roll-outs for SDUs or MDUs access network configurations.
Built with longitudinal sealing and 2 parallel FRP rods, DROPTIC® LM2BK and LM8BK can be used for applications within a wide temperature range and are compatible with all type of cable installation techniques: by pulling, gluing or stapling. They are also fully compliant with the European Construction Products Regulation.
DROPTIC® LM2BK and LM8BK offer the same features but a different engineering design. While the LM2BK is built with one tube for 1, 2 or 4FO, the LM8BK offers a tube for each fibre so to enable independent tube management.

PN	MODEL	PACKG
90522	DROPTIC® LM2BK 1FO Outdoor/indoor drop cable	1000m
90524	DROPTIC® LM8BK 2FO Outdoor/indoor drop cable	2000m
91579	DROPTIC® LM2BK 4FO Outdoor/indoor drop cable	

**For other cable lengths, please contact us.*

FEATURES & BENEFITS

- One drop for aerial, duct, façade and indoor FTTH roll-out configurations
- UV resistant
- One tube per fibre construction
- Compatible with all type of cable running techniques
- Integrated in a comprehensive FTTH solution including TELENCO® aerial & façade hardware and ELINE® transition box, customer terminal box (DTIO), fibre distribution box and optical telecommunications outlets

Telenco reserves the right to modify present characteristics without previous notice.

Non contractual pictures, FT-EN00889x2003

TECHNICAL CHARACTERISTICS

Cable type	LM2BK		LM8BK
Fiber type	Compliant with G657A2 ITU recommendations		
Fiber cores	1FO	4FO	2FO
Buffer	900µm tube		2 x 900µm tubes
Outer diameter	4mm		
Weight	17kg/km	19kg/km	
Outer sheath material	LSZH - Black RAL 9005		
Cable reinforcement	Aramid yarns, 2 FRP cores		
Cable marking	DROPTIC – LM2BK xFO G657A2 – batch number – metric DROPTIC – LM8BK xFO G657A2 – batch number – metric x is the fiber count Marking color: White Pitch: every 2 meters		

PERFORMANCES

CHARACTERISTICS	STANDARDS	VALUES	
		LM2BK	LM8BK
Maximum Allowable Tension	IEC 60794-1-2 – Method E1	400N	400N
Static bending	IEC 60794-1-2 - Method E11	R min.= 20mm	R min. = 20mm
Kink	IEC 60794-1-2 - Method E10	R min. = 15mm	R min. = 15mm
Crush	IEC 60794-1-2 - Method E3	100N/cm ($\Delta\alpha \leq 0.1$dB) - reversibility checked at 200N/cm	100N/cm ($\Delta\alpha \leq 0.1$dB) - reversibility checked at 200N/cm
Temperature Cycling	IEC 60794-1-2 - Method F1	$\Delta\alpha \leq 0.1$dB/km, between -30°C and +70°C (1550nm) (operation) $\Delta\alpha$ reversible between -40°C et +70°C (1550nm) (storage)	$\Delta\alpha \leq 0.1$dB/km, between -30°C and +70°C (1550nm) (operation) $\Delta\alpha$ reversible between -40°C and +70°C (1550nm) (storage)
Fire behaviour	EN 50575	Dca-S2, d1, a1	

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