

# BREAKOUT CABLE – MM62.5 OM1 4F

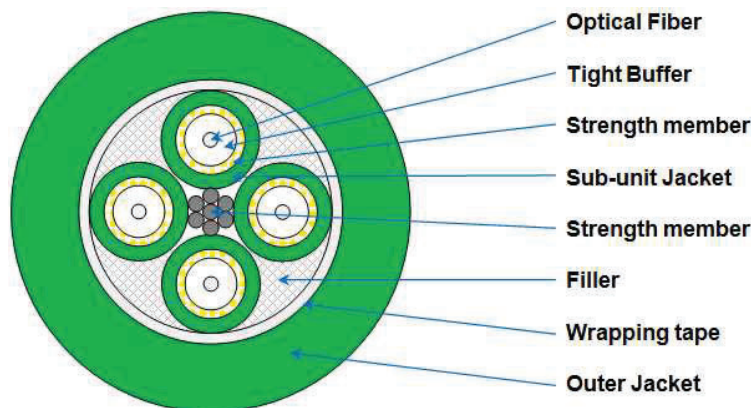
TMCS181220-03

(Indoor, ISO/IEC 11801 / IEC60793, IEC 60794)

CONSTRUCTION			
Items		Specification	Remark
Optical Fiber	Fiber Type	MMF 62.5/125 $\mu$ m (OM1)	ISO/IEC 11801
	Number of Fiber	4F	
Tight Buffer	Diameter	900 $\mu$ m $\pm$ 50 $\mu$ m	
	Material	LSZH	
	Color	White	
Strength member	Material	Aramid yarn	
Sub-unit Jacket	Diameter	1.7 $\pm$ 0.2mm	
	Material	LSZH	
	Color	Green (with numbering)	
Strength member		Steel wire	
Filler		PP yarn	
Wrapping Tape		Non-woven plastic tape	
Outer Jacket	Diameter	7.4mm $\pm$ 0.3mm	Provided a Ripcord
	Material	LSZH	
	Color	Green	
Approx. Cable Weight (Net.)		57 kg/km	
Marking	BREAKOUT MMF 62.5 4F LSZH OFA22-M104TB TMC yyyy xxxxM		Jet, interval 1m, Black color

CABLE CHARACTERISTICS			
Parameter		Specification	Remark
Optical	Attenuation(dB/km)	$\leq$ 3.5 (at 850nm) $\leq$ 1.5 (at 1300nm)	IEC 60793-1-40
	Bandwidth	$\geq$ 200 (at 850nm) $\leq$ 500 (at 1300nm)	
Mechanical	Maximum Tensile load	250N	IEC 60794-1-21-E1
	Crush resistance	500N/5 <sup>cm</sup>	IEC 60794-1-21-E3
	Impact resistance	10J	IEC 60794-1-21-E4
	Minimum Bend Radius	74mm	IEC 60794-1-21-E11
Environmental	Operating temperature	-20 $^{\circ}$ C ~ +65 $^{\circ}$ C	IEC 60794-1-22-F1
	Flame Retardant	IEC 60332-1	

## CABLE CROSS SECTION



# BREAKOUT CABLE – MM50 OM3 4F

TMCS200728-01

(Indoor, ISO/IEC 11801 / IEC60793, IEC 60794)

CONSTRUCTION			
Items		Specification	Remark
Optical Fiber	Fiber Type	MMF 50/125 $\mu$ m (OM3)	ISO/IEC 11801
	Number of Fiber	4F	
Tight Buffer	Diameter	900 $\mu$ m $\pm$ 50 $\mu$ m	
	Material	LSZH	
	Color	White	
Strength member		Aramid yarn	
Sub-unit Jacket	Diameter	1.7 $\pm$ 0.2mm	
	Material	LSZH	
	Color	Green (with numbering)	
Central strength member		Steel wire	
Wrapping Tape		Non-woven plastic tape	
Outer Jacket	Diameter	7.4mm $\pm$ 0.3mm	Provided a Ripcord
	Material	LSZH	
	Color	Green	
Approx. Cable Weight (Net.)		58.5 kg/km	
Marking	BREAKOUT MMF 50 OM3 4F LSZH OFA22-M104TB TMC yyyy xxxxM		Jet, interval 1m, Black color

CABLE CHARACTERISTICS			
Parameter		Specification	Remark
Optical	Attenuation(dB/km)	$\leq$ 3.5 (at 850nm)	IEC 60793-1-40
		$\leq$ 1.5 (at 1300nm)	
	Bandwidth	$\geq$ 1500 (at 850nm)	
		$\leq$ 500 (at 1300nm)	
Mechanical	Maximum Tensile load	250N	IEC 60794-1-21-E1
	Crush resistance	500N/5cm	IEC 60794-1-21-E3
	Impact resistance	10J	IEC 60794-1-21-E4
	Minimum Bend Radius	74mm	IEC 60794-1-21-E11
Environmental	Operating temperature	-20 $^{\circ}$ C ~ +65 $^{\circ}$ C	IEC 60794-1-22-F1
	Flame Retardant	IEC 60332-1	

## CABLE CROSS SECTION

