

Fiber Optic Raceway System

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Description

DME PROLINK's Fiber Optic Raceway System is a cable reticulation management solution designed and manufactured specifically for Optic Fiber Patch-Cords, Multi-fiber Cable Assemblies and Intra-Facility Cables (IFC's).

The system is designed to manage fibers cables with respect to bend-radius, fiber-crush and strain-relief. The system is deliberately devoid of sharp edges offering seamless routing, ingress and egress paths to ensure the physical integrity of the cables in order to deliver maximum network performance.

Features & Benefits

- ✓ Manufactured from Halogen-free materials
- ✓ Fire retardant to UL-94
- ✓ RoHS Compliant
- ✓ Strong & Durable
- ✓ Speed of Installation
- ✓ Speed of Deployment
- ✓ Flexibility



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Part No.		Shape	Dimension	Material
Main Duct	D511-0305MD		30X50 Main Duct 33 X 48.5 X 1.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-05MD		50 Main Duct 59 X 54.5 X 2.0T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-10MD		100 Main Duct 120 X 106(+7) X 3.0T Length : 2,000mm	PC&ABS (Halogen Free) ABS
	D511-16MD		160 Main Duct 181 X 106(+7) X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-22MD		220 Main Duct 241 X 106(+7) X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-30MD		300 Main Duct 321 X 106(+7) X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
Main Duct Covers	D511-0305MDC		30X50 Main Duct Cover 36 X 8 X 1.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-05MDC		50 Main Duct Cover 66 X 8.6 X 2.0T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-10MDC		100 Main Duct Cover 120 X 16.5 X 3.0T Length : 2,000mm	PC&ABS (Halogen Free) ABS

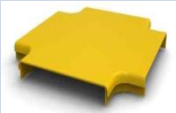
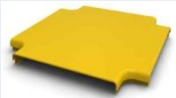
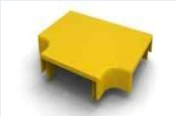
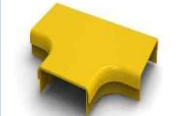


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Part No.		Shape	Dimension	Material
Covers	D511-16MDC		160 Main Duct Cover 181 X 17 X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-22MDC		220 Main Duct Cover 241 X 17 X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
	D511-30MDC		300 Main Duct Cover 321 X 17 X 3.5T Length : 2,000mm	PC&ABS (Halogen Free)
Crosses	D511-10CA		100 H-Crosses 260 X 106 X 3.0T Length : 260mm	PC&ABS (Halogen Free)
	D511-16CA		160 H-Crosses 300 X 106 X 3.5T Length : 300mm	PC&ABS (Halogen Free)
	D511-22CA		220 H-Crosses 360 X 106(+5) X 3.5T Length : 360mm	PC&ABS (Halogen Free)
	D511-30CA		300 H-Crosses 440 X 106(+5) 3.5T Length : 440mm	PC&ABS (Halogen Free)
Cross Cover	D511-10CAC		100 H-Crosses Cover 265 X 34 X 3.0T Length : 265mm	PC&ABS (Halogen Free)
	D511-16CAC		160 H-Crosses Cover 307 X 27 X 3.0T Length : 307mm	PC&ABS (Halogen Free)



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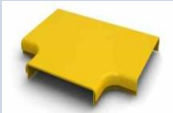
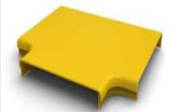
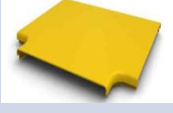
Part No.		Shape	Dimension	Material
Cross Covers	D511-22CAC		220 H-Crosses Cover 367 X 34 X 3.0T Length : 367mm	PC&ABS (Halogen Free)
	D511-30CAC		300 H-Crosses Cover 446.5 X 27 X 3.0T Length : 446.5mm	PC&ABS (Halogen Free)
Tees	D511-0305TA		30X50 H-Tees 75 X 52.5 X 1.5T Length : 55.5mm	PC&ABS (Halogen Free)
	D511-10TA		100 H-Tees 260 X 106 X 3.0T Length : 183mm	PC&ABS (Halogen Free)
	D511-16TA		160 H-Tees 300 X 106 X 3.5T Length : 233.5mm	PC&ABS (Halogen Free)
	D511-22TA		220 H-Tees 360 X 106(+5) X 3.5T Length : 293.5mm	PC&ABS (Halogen Free)
	D511-30TA		300 H-Tees 440 X 106(+5) X 3.5T Length : 373.5mm	PC&ABS (Halogen Free)
Tee Covers	D511-0305TAC		30X50 H-Tees Cover 59 X 9.5 X 1.5T Length : 47.5mm	PC&ABS (Halogen Free)
	D511-10TAC		100 H-Tees Cover 265 X 34 X 3.0T Length : 192.5mm	PC&ABS (Halogen Free)



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Part No.		Shape	Dimension	Material
Tee Covers	D511-16TAC		160 H-Tees Cover 307 X 27 X 3.0T Length : 244mm	PC&ABS (Halogen Free)
	D511-22TAC		220 H-Tees Cover 367 X 34 X 3.0T Length : 304mm	PC&ABS (Halogen Free)
	D511-30TAC		300 H-Tees Cover 446.5 X 27 X 3.0T Length : 383.75mm	PC&ABS (Halogen Free)
Elbows	D511-0305HA		30X50 H-Elbow 90° 55.5 X 52.5 X 1.5T Length : 55.5mm	PC&ABS (Halogen Free)
	D511-10HA		100 H-Elbow 45° 126.6 X 106 X 3.0T Length : 126mm	PC&ABS (Halogen Free)
	D511-16HA		160 H-Elbow 45° 197.6 X 106 X 3.5T Length : 193.8mm	PC&ABS (Halogen Free)
	D511-22HA		220 H-Elbow 45° 257.7 X 106(+5) X 3.5T Length : 236.3mm	PC&ABS (Halogen Free)
	D511-30HA		300 H-Elbow 45° 337.7 X 106(+5) X 3.5T Length : 373.5mm	PC&ABS (Halogen Free)
	D511-0305HAC		30X50 H-Elbow 90° Cover 47.5 X 9.5 X 1.5T Length : 47.5mm	PC&ABS (Halogen Free)



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Part No.		Shape	Dimension	Material
Elbow Covers	D511-10HAC		100 H-Elbow 45° Cover 140.6 X 34 X 3.0T Length : 135.5mm	PC&ABS (Halogen Free)
	D511-16HAC		160 H-Elbow 45° Cover 212.7 X 27 X 3.0T Length : 205.5mm	PC&ABS (Halogen Free)
	D511-22HAC		220 H-Elbow 45° Cover 272.7 X 34 X 3.0T Length : 247.8mm	PC&ABS (Halogen Free)
	D511-30HAC		300 H-Elbow 45° Cover 352.5 X 27 X 3.0T Length : 304mm	PC&ABS (Halogen Free)
Down Elbows	D511-05DA		50 V-Elbow 45° Down 54 X 63.45 X 2.0T Length : 99mm	PC&ABS (Halogen Free)
	D511-10DA		100 V-Elbow 45° Down 106 X 119.25 X 3.0T Length : 155.5mm	PC&ABS (Halogen Free)
	D511-16DA		160 V-Elbow 45° Down 167 X 119.2 X 3.5T Length : 155.5mm	PC&ABS (Halogen Free)
	D511-22DA		220 V-Elbow 45° Down 227 X 119.2 X 3.5T Length : 155.5mm	PC&ABS (Halogen Free)
	D511-30DA		300 V-Elbow 45° Down 307 X 119.2 X 3.5T Length : 155.5mm	PC&ABS (Halogen Free)

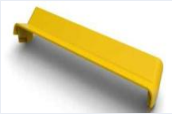


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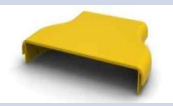
Part No.		Shape	Dimension	Material
Down Elbow Covers	D511-05DAC		50 V-E 45' Down Cover 66 X 21.5 X 2.5T Length : 104.5mm	PC&ABS (Halogen Free)
	D511-10DAC		100 V-E 45' Down Cover 120 X 54.5 X 3.0T Length : 175.5mm	PC&ABS (Halogen Free)
	D511-16DAC		160 V-E 45' Down Cover 181 X 48.5 X 3.0T Length : 177mm	PC&ABS (Halogen Free)
	D511-22DAC		220 V-E 45' Down Cover 241 X 55 X 3.0T Length : 177mm	PC&ABS (Halogen Free)
	D511-30DAC		300 V-E 45' Down Cover 321 X 47.5 X 3.0T Length : 177mm	PC&ABS (Halogen Free)
Up Elbows	D511-05UA		50 V-Elbow 45' Up 54 X 63 X 2.0T Length : 99mm	PC&ABS (Halogen Free)
	D511-10UA		100 V-Elbow 45' Up 106 X 118 X 3.0T Length : 152.5mm	PC&ABS (Halogen Free)
	D511-16UA		160 V-Elbow 45' Up 167 X 118.5 X 3.5T Length : 152mm	PC&ABS (Halogen Free)
	D511-22UA		220 V-Elbow 45' Up 227 X 118.5 X 3.5T Length : 156mm	PC&ABS (Halogen Free)



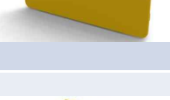
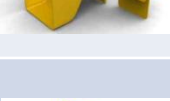
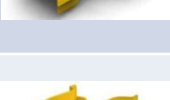
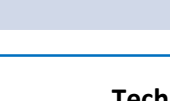
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Part No.		Shape	Dimension	Material
	D511-30UA		300 V-Elbow 45° Up 307 X 119 X 3.5T Length : 156mm	PC&ABS (Halogen Free)
Up Elbow Covers	D511-05UAC		50 V-E 45° Up Cover 66 X 22.5 X 2.5T Length : 65mm	PC&ABS (Halogen Free)
	D511-10UAC		100 V-E 45° Up Cover 120 X 46 X 3.0T Length : 87.5mm	PC&ABS (Halogen Free)
	D511-16UAC		160 V-E 45° Up Cover 181 X 49.5 X 3.0T Length : 83.5mm	PC&ABS (Halogen Free)
	D511-22UAC		220 V-E 45° Up Cover 241 X 47 X 3.0T Length : 92.5mm	PC&ABS (Halogen Free)
	D511-30UAC		300 V-E 45° Up Cover 321 X 40 X 3.0T Length : 80.5mm	PC&ABS (Halogen Free)
Reducers	D511-10RD		100~50 Reducers 106 X 106 X 3.0T Length : 110mm	PC&ABS (Halogen Free)
	D511-16RD		160~100 Reducers 167 X 106 X 3.5T Length : 125mm	PC&ABS (Halogen Free)
	D511-22RD		220~160 Reducers 227 X 106 X 3.5T Length : 140mm	PC&ABS (Halogen Free)

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Part No.		Shape	Dimension	Material
Reducer Covers	D511-30RD		300~220 Reducers 307 X 106(+5) X 3.5T Length : 150mm	PC&ABS (Halogen Free)
	D511-10RDC		100~50 Reducers Cover 120 X 75 X 3.0T Length : 114.5mm	PC&ABS (Halogen Free)
	D511-16RDC		160~100 Reducers Cover 181 X 27 X 3.0T Length : 131mm	PC&ABS (Halogen Free)
	D511-22RDC		220~160 Reducers Cover 241 X 34 X 3.0T Length : 147mm	PC&ABS (Halogen Free)
	D511-30RDC		300~220 Reducers Cover 321 X 27 X 3.0T Length : 156.5mm	PC&ABS (Halogen Free)
	D511-05TP		50 Outlet Trumpet 96 X 54 X 2.0T Length : 45.5mm	PC&ABS (Halogen Free)
	D511-10TP		100 Outlet Trumpet 192 X 106 X 3.0T Length : 86mm	PC&ABS (Halogen Free)
	D511-16TP		160 Outlet Trumpet 260 X 200 X 3.5T Length : 80mm	PC&ABS (Halogen Free)
	D511-22TP		220 Outlet Trumpet 320 X 200 X 3.5T Length : 80mm	PC&ABS (Halogen Free)

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Part No.		Shape	Dimension	Material
End Caps	D511-30TP		300 Outlet Trumpet 400 X 200 X 3.5T Length : 80mm	PC&ABS (Halogen Free)
	D511-10EC		100 End Cap 114.5 X 127 X 3.0T Length : 13mm	PC&ABS (Halogen Free)
	D511-16EC		160 End Cap 175 X 127 X 3.0T Length : 13mm	PC&ABS (Halogen Free)
	D511-22EC		220 End Cap 233 X 124 X 3.0T Length : 19mm	PC&ABS (Halogen Free)
	D511-30EC		300 End Cap 314 X 127 X 3.0T Length : 13mm	PC&ABS (Halogen Free)
	D511-10HT		100 H-TD51 288 X 153 X 3.0T Length : 200mm	PC&ABS (Halogen Free)
	D511-10HTC		100 H-TD51 Cover 248 X 84.5 X 3.0T Length : 203mm	PC&ABS (Halogen Free)
	D511-10VT		100 V-TD51 220 X 90 X 3.0T Length : 196mm	PC&ABS (Halogen Free)
	D511-10VTC		100 V-TD51 Cover 180 X 97.5 X 3.0T Length : 215mm	PC&ABS (Halogen Free)



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Part No.		Shape	Dimension	Material
Joiners	D511-05JO		50 Joiners 58 X 56 X 2.0T Length : 34(+4)mm	PC&ABS (Halogen Free)
	D511-10JO		100 Joiners 112 X 109 X 3.0T Length : 45(+4)mm	PC&ABS (Halogen Free)
	D511-16JO		160 Joiners 196 X 119.5 X 3.0T Length : 55(+4)mm	PC&ABS (Halogen Free)
	D511-22JO		220 Joiners 256 X 119.5 X 3.0T Length : 55(+4)mm	PC&ABS (Halogen Free)
	D511-30JO		300 Joiners 336 X 119.5 X 3.0T Length : 55(+4)mm	PC&ABS (Halogen Free)
Accessories	D511-0305CP		30X50 Cable Protect 23.5 X 23 X 1.2T Length : 10mm	PC&ABS (Halogen Free)
	D511- D'CLIP		all Duct Cover Clip 40 X 38 X 2~2.5T Length : 17.5mm	PC&ABS (Halogen Free)
	D511- APP855 D511- APP857		Insulator Ø22 X 51 X 2.5T Ø31 X 8 X 2.5T	PC&ABS (Halogen Free) PVC
	D511- T'BOLT		Tees Bolt & Nut 27.5 X 21 X 3.0T 20 X 8.5 X 2.5T(M6X24)	PC&ABS RUBBER SCM440

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Part No.	Shape	Dimension	Material
Accessories	D511-16SMTB	 100 Mounting Bracket 160 Mounting Bracket 228 X 28 X 3.0T Length : 56mm	SPCC
	D511-22SMTB	 220 Mounting Bracket 290 X 28 X 3.0T Length : 56mm	SPCC
	D511-30SMTB	 300 Mounting Bracket 333 X 28 X 3.0T Length : 56mm	SPCC
	D511-10DMTB	 Drop Mounting Bracket 124 X 72 X 3.0T Length : 295mm	PC&ABS (Halogen Free)
	D511-4JOLS D511-3JOSS	 Pan Head Screw(L) M4 X 10(160~300 Joiners) Pan Head Screw(S) M3 X 6(50~100 Joiners)	SCM4 40
	D511- APP854	 Structure- Mounting Bracket 112.5 X 63 X 6.0T Length : 50mm	SPCC
	D511- APP856-1	 Structure(S) & (L) 50 X 50 X 6.0T L:3000 / S:1500mm	SPCC
	D511- APP856-2	 Structure Joiners 40 X 40 X 5.0T Hex Screw(M10X25) Length : 160mm	SPCC SCM4 40
	D511- SP1'KITS	 Long Nut(5/8") Ø21 X 55mm Anchor Set(5/8") Ø21 X 122mm	SCM4 40
	D511- SP2'KITS	 Threaded Rod(5/8") 5/8" X 600mm Cap Nut & Washer 5/8" X 25mm	SCM4 40

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	1.7mm Patch Cords	2.0mm Patch Cords	3.0mm Patch Cords
Recommended Patch Cord Density (per sq inch)	120	90	40
Maximum Patch Cord Density (per sq inch)	142	102	44
Maximum Patch Cord Density 100 x 100mm System	2100	1500	680
Maximum Patch Cord Density 300 x 100mm System	6000	4500	2000



Technical Assistance
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TECHNICAL DATA

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