



Dark Fibre Services

Nextgen’s Dark Fibre services are unprotected, unmonitored, point-to-point, single-mode optical fibres between access points. Availability is strictly limited. Where provided, the following specification applies.

Nextgen’s Dark Fibre services are offered as a bundle of one or more fibres, defined as a Fibre Group, from the Nextgen Fibre infrastructure connecting designated end-points.

Fibre Groups may also be accessed between the end points, at additional break-out locations in customer pits next to Nextgen jointed pits. Fibre Services, which make up the Fibre Group, are provided as continuous point to point links between customer access points.

Restricted Availability

Nextgen’s Dark Fibre services are offered as a ‘strictly limited availability’ product.

The availability of Dark Fibre services for customers is solely at Nextgen’s discretion.

Product		
Service Type	Point-to-Point, Unmanaged Fibre	
Physical Medium	Single Mode Optical Fibre	
Product Availability	Not guaranteed, offered at Nextgen’s discretion	
Fibre Routing	Determined by Nextgen	
Customer Access Points	End-points Break-out points, where supported	
Termination Options	End-points	ODF or FTP: SC Flat Customer pit: splice
	Break-out points	Dedicated customer splice enclosures (pits)
Protection	Unprotected	
Monitoring	Unmonitored	

Standards

Fibre Type	Typically ITU-T G.652.D (Type of fibre provided is at Nextgen's discretion)	
Maximum Attenuation	At nominal 1310nm	0.6dB/km + 0.1dB/splice + 2dB
	At nominal 1550nm	0.4dB/km + 0.1dB/splice + 2dB

Operations

Service Relocations	Subject to fibre availability
Service Modifications	Increases and decreases in fibre counts for existing services, subject to fibre availability Additional break-out points, where supported
Commission Testing	Report on optical loss of each unbroken fibre in the service Only conducted if both end-points are on an ODF or an FTP
Maintenance/Repairs	Must be conducted by Nextgen, except in customer pits

Related Services

Splicing Service	Can be provided by Nextgen on individual quotation basis
Fibre Testing Service	Can be provided by Nextgen on individual quotation basis

ABOUT NEXTGEN NETWORKS

Nextgen Networks is a national Telecommunications carrier that specialises in high performance data networking services. Our customers are Corporations, Government, Service Providers and other Carriers. Nextgen products include high capacity data transmission services ranging from corporate links up to complete wavelengths, nationwide multipoint Ethernet networks (VPLS Service), Internet and data centres. Nextgen owns and operates infrastructure that includes one of the largest fibre networks in Australia, a latest generation national switched Ethernet data network and co-location centres throughout Australia. Nextgen is a wholly owned subsidiary of the Leighton Group.

Check out the benefits of our award winning data solutions

Phone: 1300 653 351

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