

## MICRODUCT (Air Blowing Cables)

### CABLE CONSTRUCTION

Loose Tubes filled with Gel - Stranded around Central Strength Member - Interstices filled with Gel / water blocking yours -Polyethylene Outer Jacket

### DESCRIPTION

The construction of the non-metallic cables begins with our proven loose tube design. The loose tube provides protection against environmental and mechanical forces. This smaller diameter cable is light weight and suitable enough for microwave duct and conduit use.

### APPLICATIONS

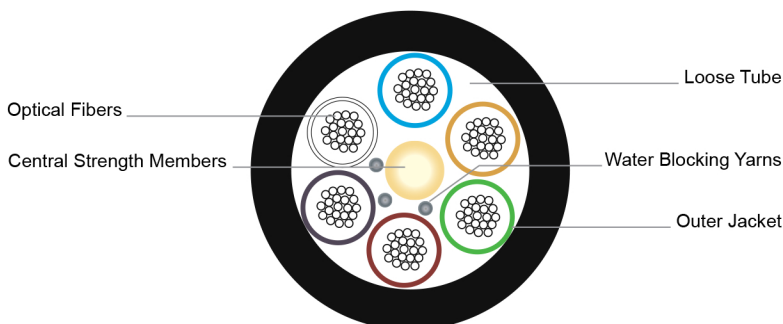
Inter Office Trunking, Data, Video Transmission, Control /Alarm System - Light Weight and Flexible - Blowing in Micro Ducts and Concrete

### FEATURES AND BENEFITS

- Suitable for conduits and pipelines for long haul applications.
- Supports all grades of single mode and multimode fibers.
- It can be laid in vicinity of power cables.
- No additional grounding is required, at vicinity of power lines and lightning risks.
- Telemetry and SCADA links for oil & gas, electricity.

Standards	Performance Characteristics
Reference standards: Industry standard.	Storage temperature : 40°C to + 70°C.
	Operating temperature : 40°C to +70°C
FIBER /Tube Colours : as per IEC 60304	Installation temperature : 40°C to 70°C
Testing Procedures : IEC-607941- (or) EIA/TIA-455	

Cable code				Fiber Count	Fiber Per Tube	No. of Active Loose Tubes	Outer Dia(mm)	Min. bending Radius (mm)		Net Weight (kg/km)
MM 50/125um (G651)	MM 62.5/125um (G651)	SM DISP. Unshifted (G652)	SMNZDS (G655 /G656)					No Load	Under Load	
ADFN6004	ADFN5004	ADFN1004	ADFN4004	4	4	1	4.8	48	72	19
ADFN6008	ADFN5008	ADFN1008	ADFN4008	8	4	2	6.0	60	90	27
ADFN6012	ADFN5012	ADFN1012	ADFN4012	12	12	1	6.0	60	90	27
ADFN6024	ADFN5024	ADFN1024	ADFN4024	24	12	2	6.0	60	90	28
ADFN6036	ADFN5036	ADFN1036	ADFN4036	36	12	3	6.0	60	90	30
ADFN6048	ADFN5048	ADFN1048	ADFN4048	48	12	4	6.0	60	90	31
ADFN6060	ADFN5060	ADFN1060	ADFN4060	60	12	5	6.0	60	90	33
ADFN6072	ADFN5072	ADFN1072	ADFN4072	72	12	6	6.0	60	90	34
ADFN6096	ADFN5096	ADFN1096	ADFN4096	96	12	8	6.0	60	105	55
ADFN6144	ADFN5144	ADFN1144	ADFN4144	144	12	12	9.0	90	135	82



#### Notes:

1. Other fiber counts are available as per customer requirements.
2. Customized cables can be manufactured as per customer requirements in cable constructions and performance and optical characteristics.
3. Jacket metered can be customized on customer requirements.