

深圳光缆室外光缆地埋直埋光缆GYTA53

产品名称	深圳光缆室外光缆地埋直埋光缆GYTA53
公司名称	深圳市耐斯龙光纤光缆有限公司
价格	1.00/米
规格参数	
公司地址	深圳市 宝安区大浪街道华宁西路东龙兴科技园1栋
联系电话	86-075588823177-8005 13691980581

产品详情

· 产品描述 description

gyta53 光缆的结构是将 250 μ m 光纤套入高模量材料制成的松套管中，松套管内填充防水化合物。缆芯的中心是一根金属加强芯，对于某些芯数的光缆来说，金属加强芯外还需要挤上一层聚乙烯 (pe)。松套管 (和填充绳) 围绕中心加强芯绞合成紧凑和圆形的缆芯，缆芯内的缝隙充以阻水填充物。涂塑铝带 (apl) 纵包后挤一层聚乙烯内护套，双面涂塑钢带 (psp) 纵包后挤制聚乙烯护套成缆。

the fibers, 250 μ m, are positioned in a loose tube made of a high modulus plastic. the tubes are filled with a water-resistant filling compound. a steel wire, sometimes sheathed with polyethylene (pe) for cable with high fiber count, locates in the center of core as a metallic strength member. tubes (and fillers) are stranded around the strength member into a compact and circular cable core. an aluminum polyethylene laminate (apl) is applied around the cable core. which is filled with the filling compound to protect it from water ingress. then the cable core is covered with a thin pe inner sheath. after the psp is longitudinally applied over the inner sheath, the cable is completed with a pe outer sheath.

· 产品特点 characteristics

- 具有很好的机械性能和温度特性 performance
- good mechanical and temperature
- 松套管材料本身具有良好的耐水性能和较高的强度 that is hydrolysis resistant
- high strength looes tube
- 管内充以特种油膏，对光纤进行了关键性保护
- special tube filling compound

ensure a critical protection of fiber

· 良好的抗压性和柔软性 · crush resistance and flexibility

· 采用下列措施来确保光缆的防水性能：
ensure the cable watertight: · the following measures are taken to

- 单根钢丝中心加强芯 - steel wire used as
the central strength member

- 松套管内填充特种防水化合物 - loose
tube filling compound

- 完全缆芯填充 - 100% cable core filling

- 涂塑铝带 (apl) 防潮层 - apl moisture
barrier

- 双面涂塑钢带 (psp) 提高光缆的抗透潮能力
- psp enhancing moisture-proof

- 良好的阻水材料防止光缆纵向渗水 -
water-blocking material

· 产品标准 standards

gyty53 光缆符合 yd/t 901-2001 和 iec 60794-1 标准 gyty53 cable complies with
standard yd/t 901-2001 as well as iec 60794-1. · 光学特性 optical characteristics

		g.652	g.655	50/125 μ m	62.5/125 μ m
衰减attenuation (+20)	@850nm			3.0 db/km	3.0 db/km
	@1300nm			1.0 db/km	1.0 db/km
	@1310nm	0.36 db/km	0.40 db/km		
	@1550nm	0.22 db/km	0.23db/km		
带宽(a级) bandwidth (class a)	@850nm			500 mhz · km	200 mhz · km
	@1300nm			1000 mhz · km	600 mhz · km

数值孔径numerical aperture			0.200 ± 0.015na	0.275 ± 0.015na
光缆截止波长cable cut-off wavelength CC	1260nm	1480nm		

· 结构参数 technical parameters

光缆型号cable type	光纤数fiber count	套管数tubes	填充绳数filler	光缆直径cable diameter mm	光缆重量cable weight kg/km	允许拉伸力tensile strength 长期/短期 long/short term n	允许压扁力crush resistance 长期/短期 long/short term n/100mm	弯曲半径ben 静态 stat mm
gyta53-2~6芯	2~6	1	5	14.5	209	1000/3000	1000/3000	10d
gyta53-8~12芯	8~12	2	4	14.5	209	1000/3000	1000/3000	10d
gyta53-14~18芯	14~18	3	3	14.5	209	1000/3000	1000/3000	10d
gyta53-20~24芯	20~24	4	2	14.5	209	1000/3000	1000/3000	10d
gyta53-26~30芯	26~30	5	1	14.5	209	1000/3000	1000/3000	10d
gyta53-32~36芯	32~36	6	0	14.5	209	1000/3000	1000/3000	10d
gyta53-38~48芯	38~48	4	1	15.4	234	1000/3000	1000/3000	10d
gyta53-50~60芯	50~60	5	0	15.4	234	1000/3000	1000/3000	10d
gyta53-62~72芯	62~72	6	0	15.9	244	1000/3000	1000/3000	10d
gyta53-74~84芯	74~84	7	1	18.0	297	1000/3000	1000/3000	10d
gyta53-86~96芯	86~96	8	0	18.0	297	1000/3000	1000/3000	10d

gyta53-98~108芯	98~108	9	1	19.4	338	1000/3000	1000/3000	10d
gyta53-110~120芯	110~120	10	0	19.4	338	1000/3000	1000/3000	10d
gyta53-122~132芯	122~132	11	1	21.3	392	1000/3000	1000/3000	10d
gyta53-134~144芯	134~144	12	0	21.3	392	1000/3000	1000/3000	10d
gyta53-146~216芯	146~216			21.3	395	1000/3000	1000/3000	10d

储存、使用温度: -40 至 +70 storage/operating temperature : -40 to +70