

BROADBAND PROPAGATION

Antenna Design & Supply

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BROADBAND PROPAGATION BPGLASS WIRE

HIGH TENSILE STRENGTH

LOW WEIGHT

NON MAGNETIC

RF TRANSPARENT

ELECTRICALLY INSULATING

CORROSION & ELONGATION PROOF

TEMPERATURE PROOF TO - 32 deg C

**** Contact us for the very best price
on this product ****



Array Guying

Many antenna (and other) applications call for support structure guying which is not electrically conductive and which will not couple with Radio Frequency energy.

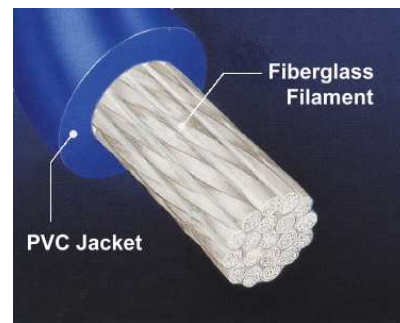
We can supply long life, high strength, guying cable which is transparent to RF and corrosion and elongation proof at a cost comparable with equivalent strength steel cable.

Because our cable is totally resistant to corrosion it is also ideal for use in critical environments such as seawater or other corrosive fluid environments.

Enquire about our prices..... You will be surprised!


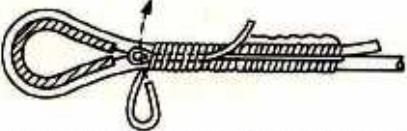
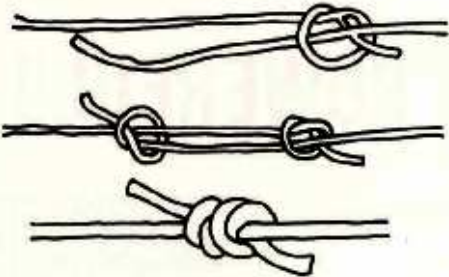
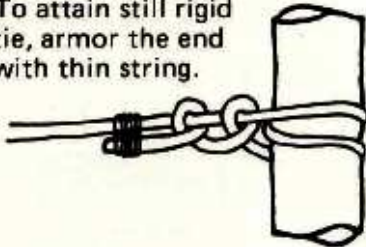

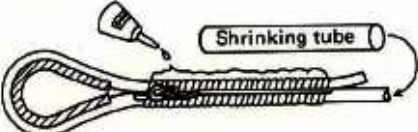


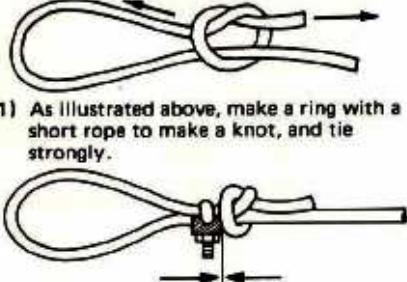


Mast & Tower Guying



ORDER CODE:	BPW-DB-4	BPW-DB-5	BPW-DB-6	BPR-DB-4	BPR-DB-5	BPR-DB-7
Outside Diameter	4 mm	5 mm	6 mm	4 mm	5 mm	7 mm
Weight/Meter	20 grams	32 grams	44 grams	19 grams	30 grams	52 grams
Tensile Strength	430 KG	560 KG	970 KG	240 KG	340 KG	460 KG

Comparison of Wire Strength	4 mm Ø			5 mm Ø			6 mm Ø			7 mm Ø		
	Core dia.	Weight of 200 mm length	Tensile strength kg.	Core dia.	Weight of 200 mm length	Tensile strength kg.	Core dia.	Weight of 200 mm length	Tensile strength kg.	Core dia.	Weight of 200 mm length	Tensile strength kg.
BPGLOSS Wire	2.5	3.9	430	3.0	6.3	560	4.0	8.8	970	--	--	--
DEBEGLOSS Wire	2.5	3.9	430	3.0	6.3	560	4.0	8.8	970	--	--	--
BPGLOSS Rope	1.8	3.8	240	2.3	5.9	340	--	--	--	2.8	10.4	460
Steel Wire	2.5	5.6	370	3.15	9.3	530	4.0	14.5	850	5.0	22.0	1340
Polyethylene Rope	4.0	1.66	180	5.0	2.60	270	6.0	3.71	380	7.0	5.03	510
Manila Rope	4	2.35	130	5.0	--	--	6.0	5.28	280	7.0	--	--

Cutting method	Can be cut easily with a pruning hook (trimmer). 	Finishing of the ends	(A) Tight-string-winding finish (efficiency: 95 – 100%) 
How to tie.	Englishman's tie  Two-half hitch To attain still rigid tie, armor the end with thin string. 		<ol style="list-style-type: none"> 1) Wind with soft binding wire or fishing-line (thickness: over No.16) tightly for an area of about 7 to 10 cm (length). As illustrated above, make a ring with a string, pass a piece of string through the ring, and pull the string. Then tie the both ends.  <ol style="list-style-type: none"> 2) Coat with vinyl chloride binder. For protection of the string, cover with a shrinking tube or vinyl chloride tape.
Parts used for the ends ① Thimble ② Shackle ③ Wire-clip ④ Silk-worm gut No.16			(B) Fix with three knotting wire clips (efficiency: 60 – 65%)  <ol style="list-style-type: none"> 1) As illustrated above, make a ring with a short rope to make a knot, and tie strongly. 2) Clamp the wire clip closely to the knotted rope (This is important to prevent slipping.) Caution: Do not use knotted rope to a place with sharp angle.