

# INSTRUMENTATION CABLES FOR POWER STATIONS - UVG

## APPLICATION

These multi-pair overall screened cables are intended for use in instrumentation applications in Power Stations involving transducers, computers and other electronic devices where noise and cross-talk must be kept to a minimum

UVG CABLES

## CONSTRUCTION

CONDUCTOR	Plain annealed copper (Stranded: 7 wires of 0.3mm)	
INSULATION	Polyvinyl Chloride (PVC) for Red and Blue stripe cables, LSZH for White stripe cables	
TWINNING	Two insulated conductors are twisted together to form a pair (specifically selected lay scheme to reduce cross talk)	
CABLE CORE ASSEMBLY	Pairs are stranded into a compact and symmetrical cable core	
OVERALL SCREEN	100% coverage of aluminium/polyester tape (38µm thickness), with a multi-strand tinned copper drain wire	
SHEATH OPTIONS	Black Sheath with colour stripe as below:	Material:
	Red	UVG nn ACT: Flame Retardant Polyvinyl Chloride (FR PVC)
	Blue	UVG nn ACM: Low Halogen, Flame Retardant Polyvinyl Chloride (LH PVC)
	White	UVG nn ACZ: Halogen Free, Low Smoke, Flame Retardant (LSZH)

## PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
2	2 Pair-UVG02ACM(Blue Stripe)	8	1000	68
4	4 Pair-UVG04ACM(Blue Stripe)	9	1000	100
8	8 Pair-UVG08ACM(Blue Stripe)	11	1000	164
12	12 Pair-UVG12ACM(Blue Stripe)	14	1000	241
16	16 Pair-UVG16ACM(Blue Stripe)	15	1000	301
20	20 Pair-UVG20ACM(Blue Stripe)	16	1000	358
32	32 Pair-UVG32ACM(Blue Stripe)	20	1000	534
40	40 Pair-UVG40ACM(Blue Stripe)	23	1000	669
48	48 Pair-UVG48ACM(Blue Stripe)	25	1000	784

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NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
2	2 Pair-UVG02ACT(Red Stripe)	8	1000	68
4	4 Pair-UVG04ACT(Red Stripe)	9	1000	100
8	8 Pair-UVG08ACT(Red Stripe)	11	1000	164
12	12 Pair-UVG12ACT(Red Stripe)	14	1000	241
16	16 Pair-UVG16ACT(Red Stripe)	15	1000	301
20	20 Pair-UVG20ACT(Red Stripe)	16	1000	358
32	32 Pair-UVG32ACT(Red Stripe)	20	1000	534
40	40 Pair-UVG40ACT(Red Stripe)	23	1000	669
48	48 Pair-UVG48ACT(Red Stripe)	25	1000	784

### PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
2	2 Pair-UVG02ACZ(White Stripe)	8	1000	70
4	4 Pair-UVG04ACZ(White Stripe)	9	1000	102
8	8 Pair-UVG08ACZ(White Stripe)	11	1000	168
12	12 Pair-UVG12ACZ(White Stripe)	14	1000	246
16	16 Pair-UVG16ACZ(White Stripe)	16	1000	307
20	20 Pair-UVG20ACZ(White Stripe)	17	1000	362
32	32 Pair-UVG32ACZ(White Stripe)	21	1000	540
40	40 Pair-UVG40ACZ(White Stripe)	24	1000	675
48	48 Pair-UVG48ACZ(White Stripe)	26	1000	790

