

## Multiconductor - Riser Rated - Shielded -- Bare Copper / PVC



**APPLICATIONS** Remote Control, Signalling, and Power-Limited circuits per NEC Article 725. 22AWG - 16 AWG also as communication circuits per NEC Article 800. Security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls.

**CONSTRUCTION**

- A.) CONDUCTOR Stranded or solid bare copper as indicated on individual product specifications.
- B.) INSULATION PVC or Polypropylene
- C.) COLOR CODE Listed below chart. Also listed for each item on individual specification sheets.
- D.) SHIELDING Overall - Aluminum foil, polyester reinforced tape and stranded tinned copper drain wire.
- E.) ASSEMBLY Cabled, Shielded, ripcord under jacket; jacketed.
- F.) JACKET PVC

**COMPLIANCE**

- A.) FLAME TEST UL 1666
- B.) CABLE TYPE CL3R. Also CMR where UL permits (Sizes 16 AWG and smaller.)
- C.) VOLTAGE 300V
- D.) TEMPERATURE 75C
- E.) SUITABLE USE: General purpose low voltage and power-limited systems' circuits to NEC Article 725 16 AWG and smaller also for communications circuits to NEC Article 800.
- F.) QA UL listed to UL 444 and UL 13 as applicable.

**FEATURES & OPTIONS:** Available in 1000ft or 500 ft packages, reels, or pull-boxes where practicable.  
 Optional: other colors, jackets with extruded stripes, and composite cables for multiple services, jacketed, armored, or armored and jacketed.

Stock #	Cable Type	AWG	AWG	#COND	STRAINED /SOLID	BC/ TD	SHIELD	NOM. DIA. (Inches)	WEIGHT (Lbs/Mft)	JACKET COLOR	UL/NEC	SPEC#						
R20540-1	22/2C SOL BC OAS CMR/CL3R	CABLE	22	2	SOL	BC	OAS	0.113	10	Gray	CMR/CL3R							
R20384-1	22/4C SOL BC OAS CMR/CL3R			4				0.131	16									
R20007-1	22/2C STR BC OAS CMR/CL3R			2	STR			0.127	11			SPEC 70385 R20007-1						
R20016-1	22/3C STR BC OAS CMR/CL3R			3				0.128	14			SPEC 70388 R20016-1						
R20030-1	22/4C STR BC OAS CMR/CL3R			4				0.146	17									
R20775-1	22/5C STR BC OAS CMR/CL3R			5				0.146	20									
R20076-1	22/6C STR BC OAS CMR/CL3R			6				0.172	23			SPEC 70387 R20076-1						
R20077-1	22/7C STR BC OAS CMR/CL3R			7				0.175	27									
R20024-1	22/8C STR BC OAS CMR/CL3R			8				0.181	29			SPEC 70389 R20024-1						
R20078-1	22/9C STR BC OAS CMR/CL3R			9				0.185	34									
R20488-1	22/10C STR BC OAS CMR/CL3R			10				0.210	35									
R20081-1	22/12C STR BC OAS CMR/CL3R			12				0.225	40			SPEC 70390 R20081-1						
R20084-1	22/15C STR BC OAS CMR/CL3R			15				0.232	49									
R30024-1	20/2C STR BC OAS CMR/CL3R			CABLE	20			2	STR			BC	OAS	0.132	14	Gray	CMR/CL3R	
R30041-1	20/3C STR BC OAS CMR/CL3R							3						0.152	18			
R30042-1	20/4C STR BC OAS CMR/CL3R	4				0.153	23											
R30044-1	20/6C STR BC OAS CMR/CL3R	6				0.174	31											
R40013-1	18/2C STR BC OAS CMR/CL3R	CABLE	18	2	STR	BC	OAS	0.161	19	Gray	CMR/CL3R	SPEC 70231 R40013-1						
R40003-1	18/3C STR BC OAS CMR/CL3R			3				0.171	26			SPEC 70380 R40003-1						
R40005-1	18/4C STR BC OAS CMR/CL3R			4				0.196	32			SPEC 70381 R40005-1						
R40070-1	18/5C STR BC OAS CMR/CL3R			5				0.192	39									
R40611-1	18/6C STR BC OAS CMR/CL3R			6				0.230	46									
R40071-1	18/7C STR BC OAS CMR/CL3R			7				0.232	52									
R40014-1	18/8C STR BC OAS CMR/CL3R			8				0.253	59			SPEC 70383 R40014-1						
R40073-1	18/9C STR BC OAS CMR/CL3R			9				0.257	68									
R40098-1	18/10C STR BC OAS CMR/CL3R			10				0.265	71									
R40075-1	18/12C STR BC OAS CMR/CL3R			12				0.295	83			SPEC 70384 R40075-1						
A50039-1	16/2C STR BC OAS CMR/CL3R	COND	16	2	STR	BC	OAS	0.191	27	Gray	CMR/CL3R	SPEC 70378 A50039-1						
R50044-1	16/3C STR BC OAS CMR/CL3R			3				0.193	37									
R50031-1	16/4C STR BC OAS CMR/CL3R			4				0.212	48									
R50033-1	16/6C STR BC OAS CMR/CL3R			6				0.242	68									
R60052-1	14/2C STR BC OAS CL3R/FPLR	CABLE	14	2	STR	BC	OAS	0.218	40	Gray	CL3R/FPLR							
R60209-1	14/3C STR BC OAS CL3R/FPLR			3				0.244	57									
R60024-1	14/4C STR BC OAS CL3R/FPLR			4				0.257	72									
R70010-1	12/2C STR BC OAS CL3R/FPLR	CABLE	12	2	STR	BC	OAS	0.266	59	Gray	CL3R/FPLR							
R70011-1	12/3C STR BC OAS CL3R/FPLR			3				0.296	87									
R70012-1	12/4C STR BC OAS CL3R/FPLR			4				0.326	113									