








1. Characteristics radar chart

The characteristics radar chart expressed each characteristic of the cable with five grades.
 (For details, refer to the table below.)

The characteristics of the cable indicated on the radar chart are intended for use as a general guide for selecting the cable meeting your requirements, because they may vary depending on the environment, condition and location where it is used.

Characteristics	Description of the cable characteristics radar chart	Grades				
		1	2	3	4	5
 耐熱 Heat resistance	The radar chart shows heat resistance (temperature rating) of cable with five grades.	60°C	70, 75°C	80°C	90°C	105°C
 耐油 Oil resistance	The radar chart shows oil resistance of cable sheath with five grades by dipping time in oil. (dipping time to clear a standard of “Electrical Appliance and Material Safety Law”)	Less than 4h	More than 4h	More than 24h	More than 1week	More than 4week
 耐ノイズ Noise resistance	The radar chart shows noise resistance of cable with five grades by structure of cable and presence or absence of shield.	Layer stranded in circular form Without shield	Twisted pair Without shield	Layer stranded in circular form With shield	Layer stranded in circular form With High density shield	Twisted pair With shield
 耐捻回 Torsion resistance	The radar chart shows torsion resistance with five grades by number of times of bending durability in our test method.	Less than 1 million cycle	More than 1 million cycle	More than 3 million cycle	More than 5 million cycle	More than 10 million cycle
 耐左右屈曲 Left/right bending durability	The radar chart shows left/right bending durability with five grades by number of times of bending durability in our test method.	Less than 1 million cycle	More than 1 million cycle	More than 3 million cycle	More than 5 million cycle	More than 10 million cycle
 耐ケーブルベア Cable carrier resistance	The radar chart shows cable carrier resistance with five grades by number of times of bending durability in our test method.	Less than 1 million cycle	More than 1 million cycle	More than 5 million cycle	More than 10 million cycle	More than 30 million cycle
 難燃 Flame retardance	The radar chart shows flame retardance level of cable with five grades by cable flame test method.	Not flame retardance	JIS Electrical Appliance and Material Safety Law 60°Angle CSA FT2	UL VW-1 CSA FT1 IEC 60332-1-2 (EN 60332-1-2)	UL Vertical-tray flame test	CSA FT4